002

Inland
PRODUCTION COMPANY
A Subsidiary of Inland Resources Inc.

August 27, 2003

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Mason
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Federal 1-11-9-17, 5-11-9-17, 7-11-9-17, 9-11-9-17, 11-11-9-17, and 15-11-9-17.

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

Mandie Crozier

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
AUG 28 2003
DIV. OF OIL, GAS & MINING

Form 3160-3
(September 2001)

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

001

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.: UTU-79013

6. If Indian, Allottee or Tribe Name: N/A

1a. Type of Work: ☒ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.: N/A

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

8. Lease Name and Well No.: Federal 5-11-9-17

2. Name of Operator: Inland Production Company

9. API Well No.: 43-013-32486

3a. Address: Route #3 Box 3630, Myton UT 84052

3b. Phone No. *(include area code)*: (435) 646-3721

10. Field and Pool, or Exploratory: Monument Butte

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface SW/NW 2000' FNL 656' FWL 44332814 40.04720
At proposed prod. zone 581772X -109.98045

11. Sec., T., R., M., or Blk. and Survey or Area: SW/NW Sec. 11, T9S R17E

14. Distance in miles and direction from nearest town or post office*: Approximatley 15.3 miles southeast of Myton, Utah

12. County or Parish: Duchesne

13. State: UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 640' f/lse, NA f/unit

16. No. of Acres in lease: 1,000.00

17. Spacing Unit dedicated to this well: 40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 2811'

19. Proposed Depth: 6500'

20. BLM/BIA Bond No. on file: #4488944

21. Elevations (Show whether DF, KDB, RT, GL, etc.): 5076' GR

22. Approximate date work will start*: 4th Quarter 2003

23. Estimated duration: Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature: Mandie Crozier — Name *(Printed/Typed)*: Mandie Crozier — Date: 8/27/03

Title: Regulatory Specialist

Approved by *(Signature)*: — Name *(Printed/Typed)*: BRADLEY G. HILL — Date: 09-04-03

Title: — Office: ENVIRONMENTAL SCIENTIST III

Federal Approval of this Action is Necessary

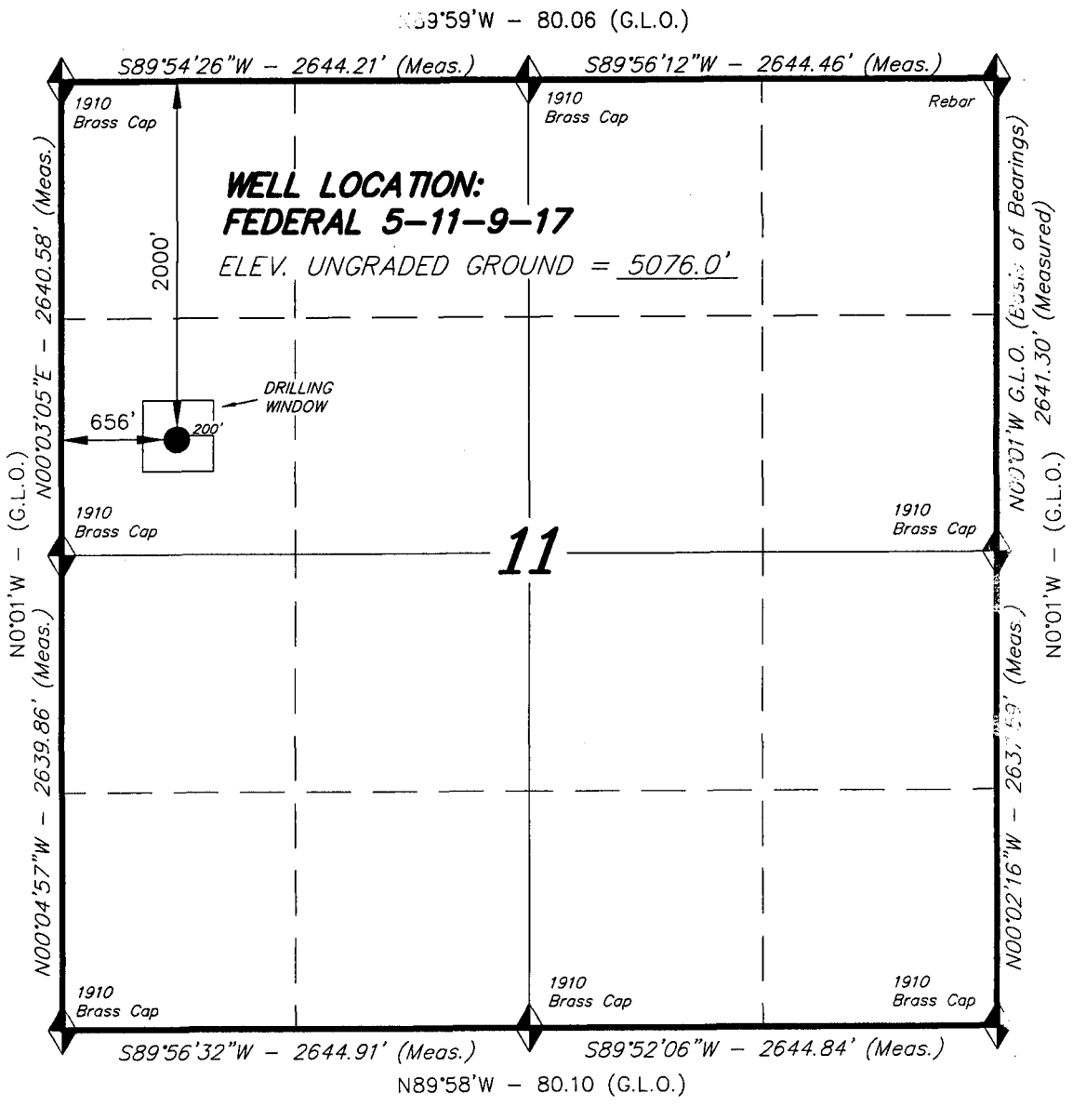
Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**(Instructions on reverse)*

RECEIVED
AUG 2 8 2003
DIV. OF OIL, GAS & MINING

T9S, R17E, S.L.B.&M.



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

INLAND PRODUCTION COMPANY

WELL LOCATION, FEDERAL 5-11-9-17, LOCATED AS SHOWN IN THE SW 1/4 NW 1/4 OF SECTION 11, T9S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

N

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR No.189377 STATE OF UTAH

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
38 WEST 100 NORTH – VERNAL, UTAH 84078
(435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: K.G.S.
DATE: 7-10-03	DRAWN BY: R.V.C.
NOTES:	FILE #

INLAND PRODUCTION COMPANY
FEDERAL #5-11-9-17
SW/NW SECTION 11, T9S, R17E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. ***GEOLOGIC SURFACE FORMATION:***

Uinta formation of Upper Eocene Age

2. ***ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:***

Uinta	0' – 1640'
Green River	1640 '
Wasatch	5825'

3. ***ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:***

Green River Formation 1640' – 6500' - Oil

4. ***PROPOSED CASING PROGRAM***

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. ***MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:***

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. ***TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:***

Please refer to the Monument Butte Field SOP.

7. ***AUXILIARY SAFETY EQUIPMENT TO BE USED:***

Please refer to the Monument Butte Field SOP.

8. ***TESTING, LOGGING AND CORING PROGRAMS:***

Please refer to the Monument Butte Field SOP.

9. ***ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:***

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ***ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:***

Please refer to the Monument Butte Field SOP.

INLAND PRODUCTION COMPANY
FEDERAL #5-11-9-17
SW/NW SECTION 11, T9S, R17E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. *EXISTING ROADS*

See attached Topographic Map "A"

To reach Inland Production Company well location site Federal #5-11-9-17 located in the SW 1/4 NW 1/4 Section 11, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 – 10.0 miles ± to it's junction with an existing road to the southeast; proceed southeasterly – 1.8 miles ± to it's junction with the beginning of the proposed access road; proceed northeasterly along the proposed access road 270' ± to the proposed well location.

2. *PLANNED ACCESS ROAD*

See Topographic Map "B" for the location of the proposed access road.

3. *LOCATION OF EXISTING WELLS*

Refer to Exhibit "B".

4. *LOCATION OF EXISTING AND/OR PROPOSED FACILITIES*

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. *LOCATION AND TYPE OF WATER SUPPLY*

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. *SOURCE OF CONSTRUCTION MATERIALS*

Please refer to the Monument Butte Field SOP.

7. *METHODS FOR HANDLING WASTE DISPOSAL*

Please refer to the Monument Butte Field SOP.

8. *ANCILLARY FACILITIES*

Please refer to the Monument Butte Field SOP.

9. ***WELL SITE LAYOUT***

See attached Location Layout Diagram.

10. ***PLANS FOR RESTORATION OF SURFACE***

Please refer to the Monument Butte Field SOP.

11. ***SURFACE OWNERSHIP*** - Bureau Of Land Management

12. ***OTHER ADDITIONAL INFORMATION***

The Archaeological Resource Survey for this area will be forthcoming. The Paleontological Resource Survey is attached. Paleontological Resource Survey prepared by, Wade E. Miller, 5/8/03. See attached report cover pages, Exhibit "D".

Inland Production Company requests a 60' ROW for the Federal #5-11-9-17 to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Inland Production Company also requests a 60' ROW be granted for the Federal #5-11-9-17 to allow for construction of a 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal
Please refer to the Monument Butte Field SOP.

Reserve Pit Liner
Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation
Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Gardner Saltbush	*Artiplex gardneri*	6 lbs/acre
Galleta grass	*Artiplex canescens*	6 lbs/acre

13. ***LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION***

Representative

Name: Brad Mecham

Address: Route #3 Box 3630
Myton, UT 84052

Telephone: (435) 646-3721

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #5-11-9-17 SW/NW Section 11, Township 9S, Range 17E: Lease UTU-79013 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

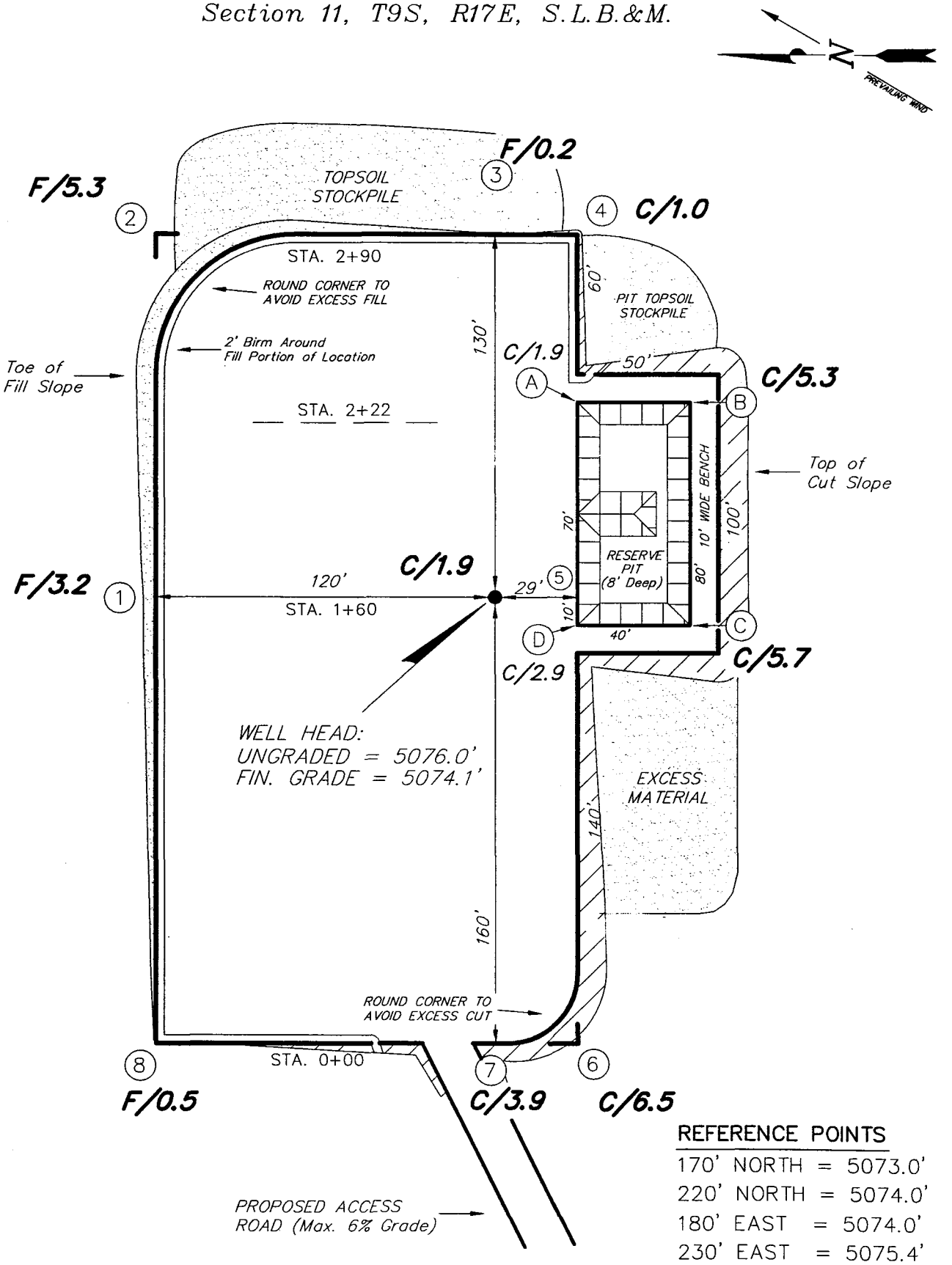
8/27/03
Date

Mandie Crozier
Regulatory Specialist

INLAND PRODUCTION COMPANY

Federal 5-11-9-17

Section 11, T9S, R17E, S.L.B.&M.



REFERENCE POINTS

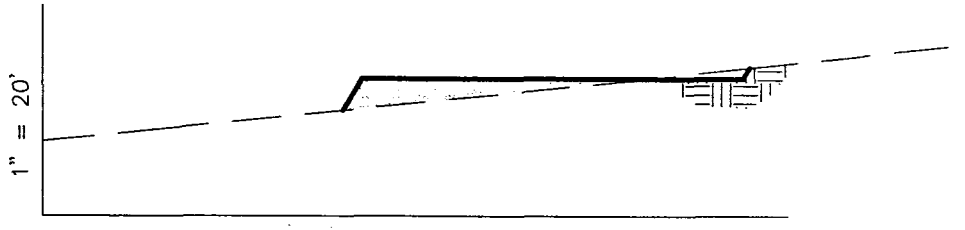
170' NORTH = 5073.0'
220' NORTH = 5074.0'
180' EAST = 5074.0'
230' EAST = 5075.4'

SURVEYED BY: D.J.S.	SCALE: 1" = 50'	Tri State Land Surveying, Inc.	(435) 781-2501
DRAWN BY: R.V.C.	DATE: 7-10-03	38 WEST 100 NORTH VERNAL, UTAH 84078	

INLAND PRODUCTION COMPANY

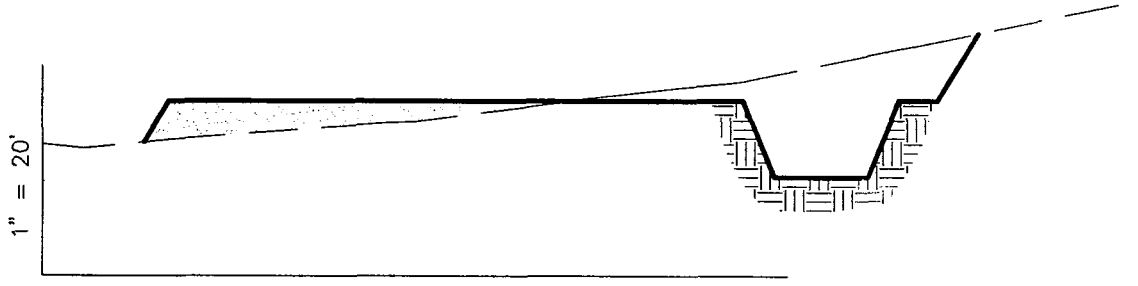
CROSS SECTIONS

Federal 5-11-9-17



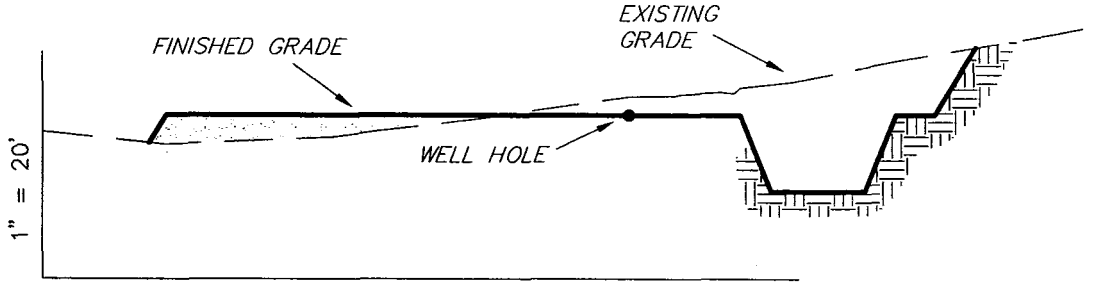
1" = 50'

STA. 2+90



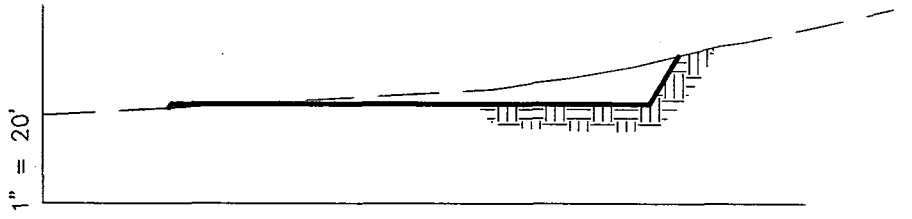
1" = 50'

STA. 2+22



1" = 50'

STA. 1+60



1" = 50'

STA. 0+00

ESTIMATED EARTHWORK QUANTITIES (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,260	2,260	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	2,900	2,260	890	640

NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

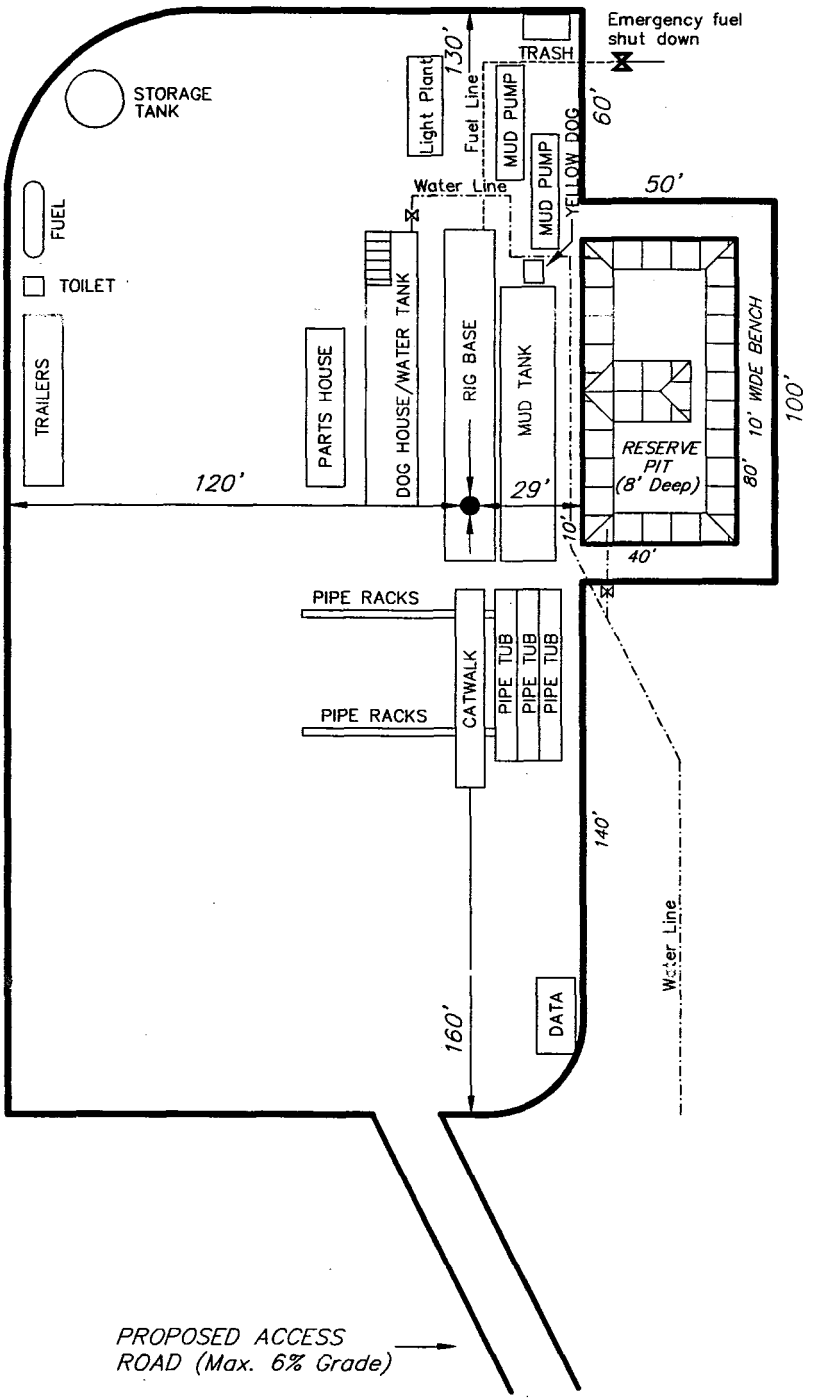
SURVEYED BY:	D.J.S.	SCALE:	1" = 50'
DRAWN BY:	R.V.C.	DATE:	7-10-03

Tri State Land Surveying, Inc.
(435) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

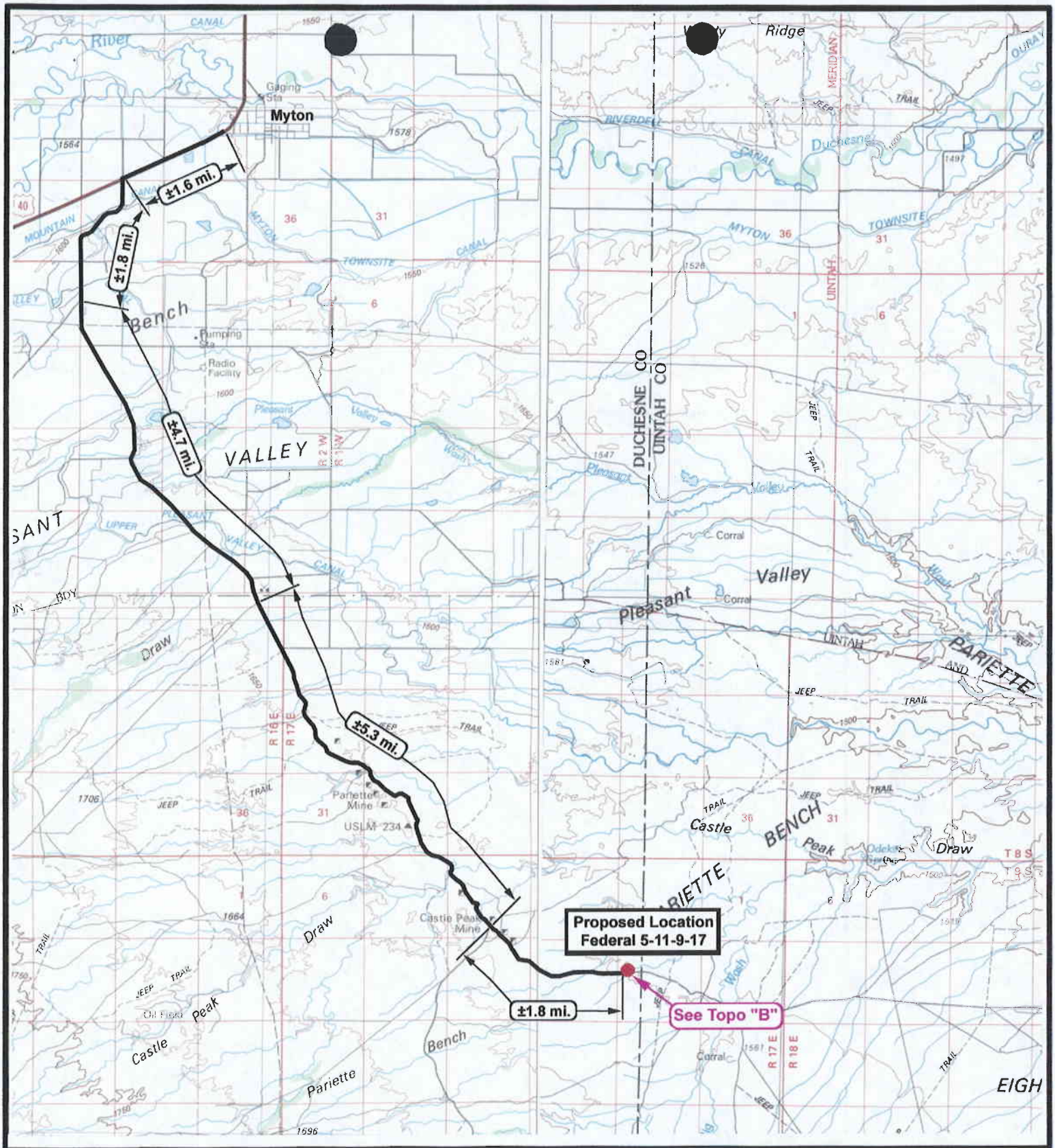
INLAND PRODUCTION COMPANY

TYPICAL RIG LAYOUT

Federal 5-11-9-17



SURVEYED BY: D.J.S.	SCALE: 1" = 50'	Tri State Land Surveying, Inc.	(435) 781-2501
DRAWN BY: R.V.C.	DATE: 7-10-03	38 WEST 100 NORTH VERNAL, UTAH 84078	



Inland RESOURCES INC.

Federal 5-11-9-17
SEC. 11, T9S, R17E, S.L.B.&M.

N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: R.A.B.
DATE: 07-15-2003

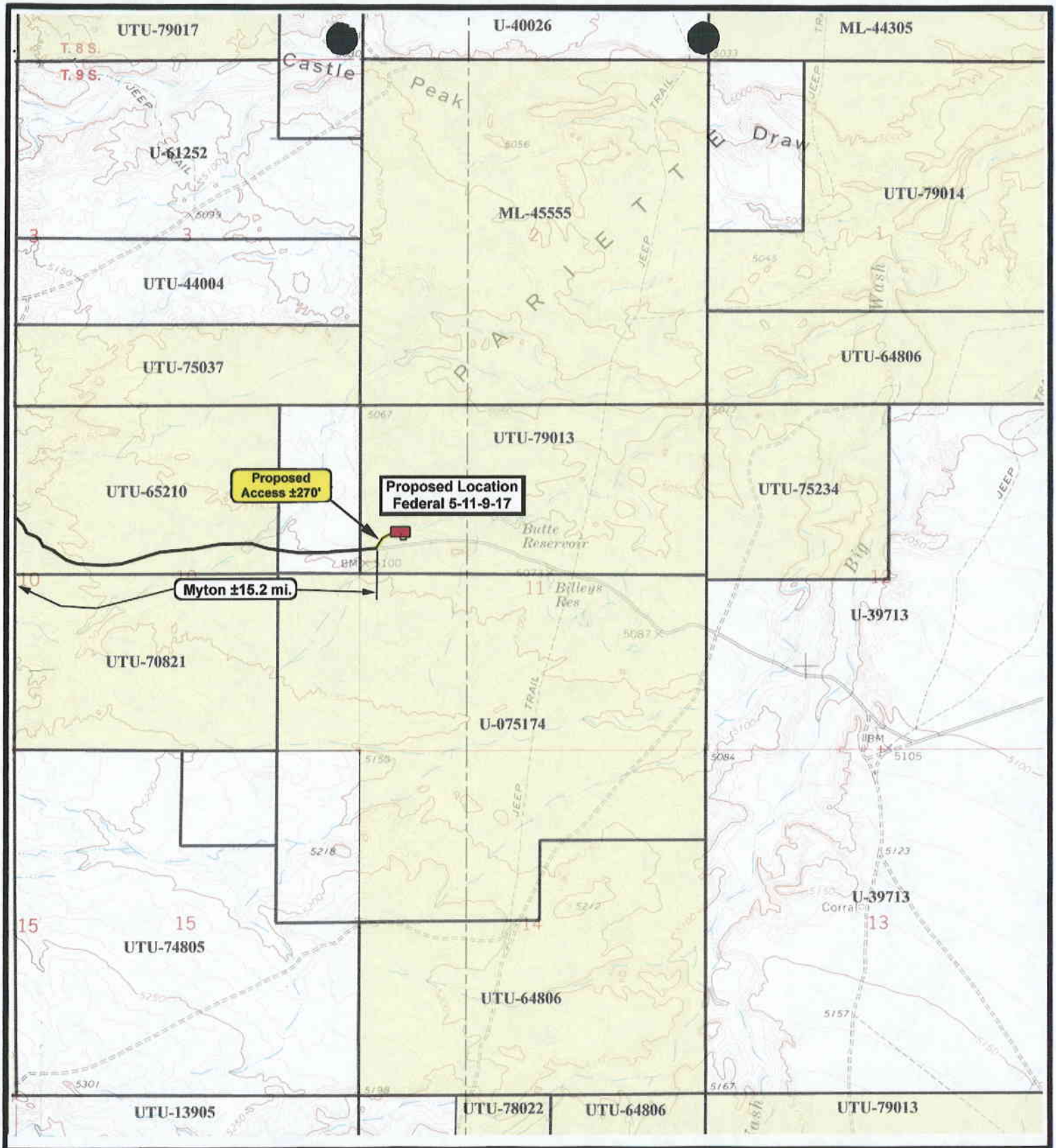
Legend

Existing Road

Proposed Access

TOPOGRAPHIC MAP

"A"



Inland RESOURCES INC.

Federal 5-11-9-17
SEC. 11, T9S, R17E, S.L.B.&M.

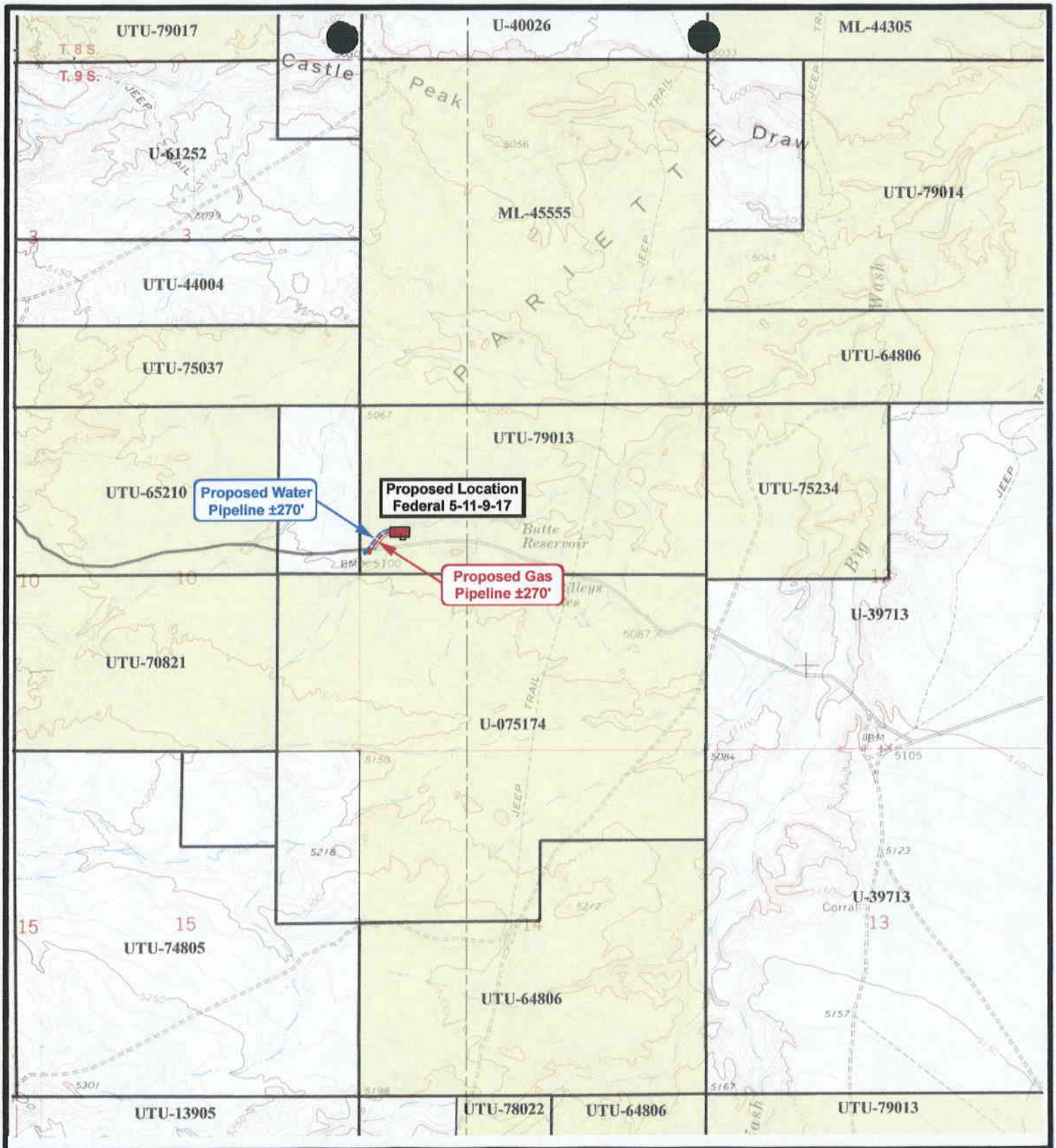
N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: R.A.B.
DATE: 07-15-2003

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"B"



Inland RESOURCES INC.

Federal 5-11-9-17
SEC. 11, T9S, R17E, S.L.B.&M.

N

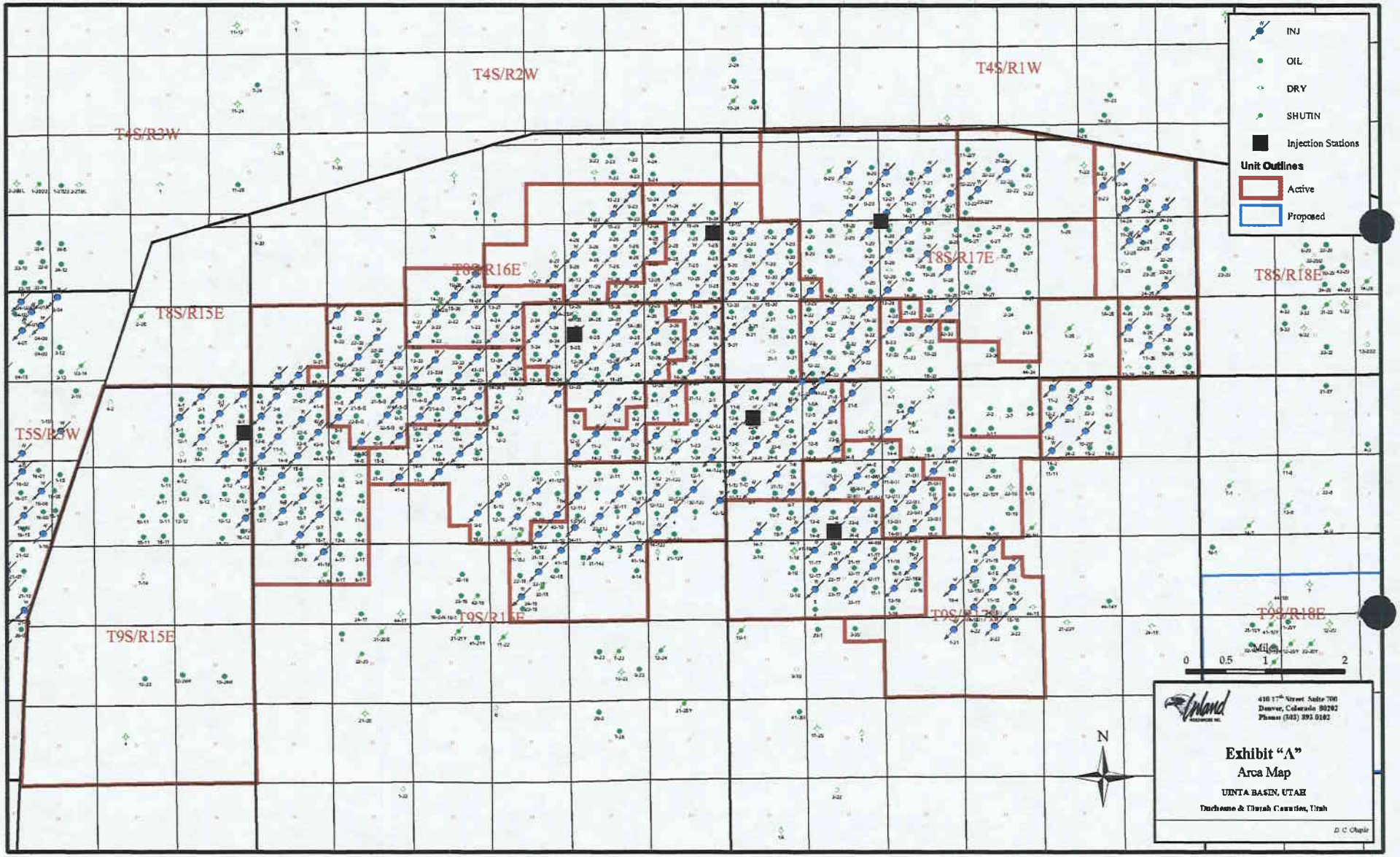
Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: R.A.B.
DATE: 07-15-2003

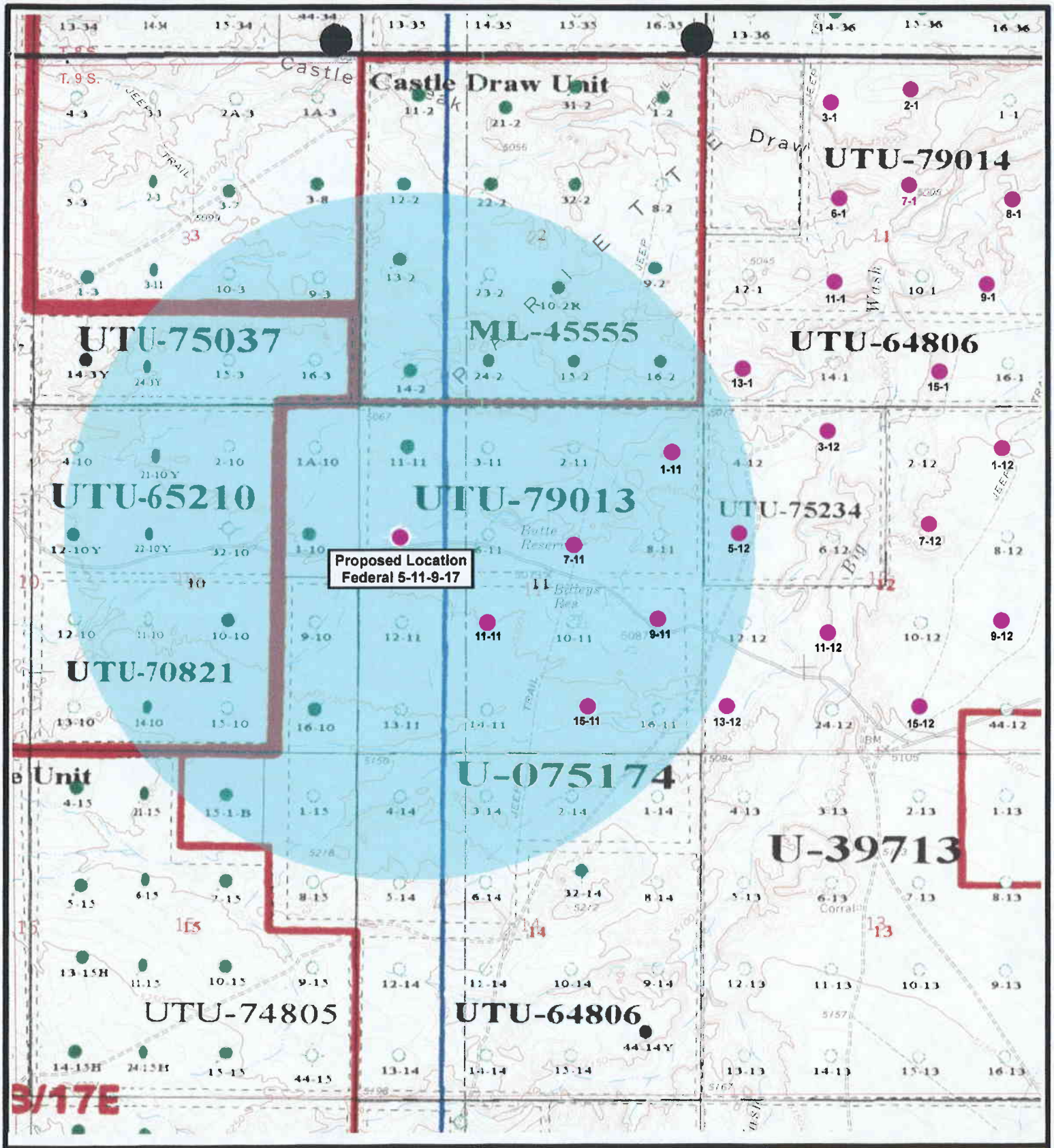
Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP "C"



January 15, 2003



Inland RESOURCES INC.

Federal 5-11-9-17
SEC. 11, T9S, R17E, S.L.B.&M.

N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: R.A.B.
DATE: 07-15-2003

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

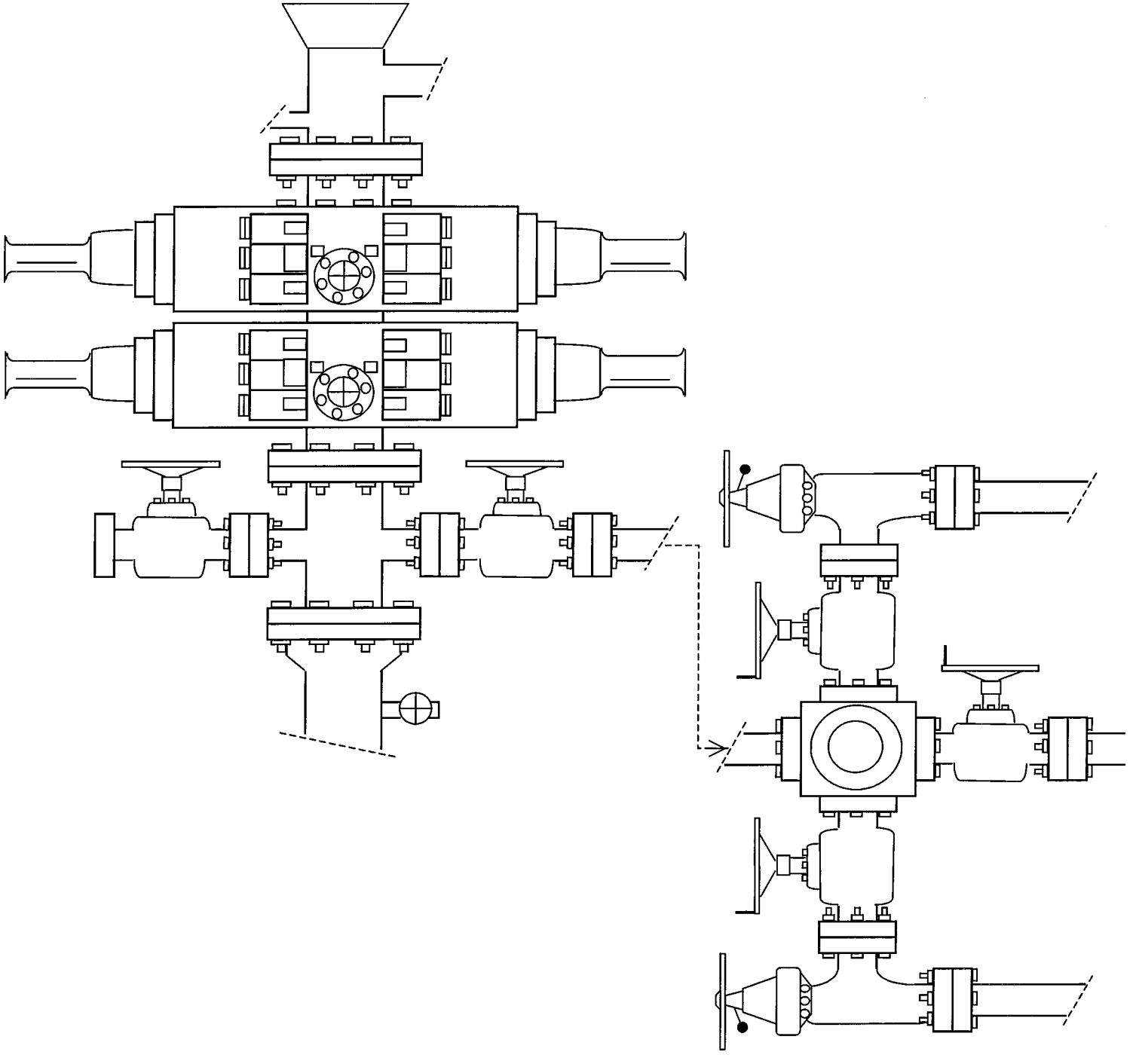


EXHIBIT C

Exhibit "D"

INLAND RESOURCES, INC.

PALEONTOLOGICAL FIELD SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, DUCHESNE AND UINTAH COUNTIES, UTAH

(South ½ Section 6, T 9 S, R 18 E; South ½ Section 1, T 9 S, 17 R E; all of Sections 11 and 12, the NW, SE & NE quarters of the SW 1/4 Section 10, the NE1/4 & SE 1/4 of the SE 1/4 Section 9, T 9 S, R 17 E and the SE 1/4, SW 1/4, NE 1/4 and SE 1/4 of the SE 1/4, Section 33, T 8 S, R 17 E.)

REPORT OF SURVEY

Prepared for:

Inland Resources, Inc.

Prepared by:

Wade E. Miller
Consulting Paleontologist
May 8, 2003

003

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/28/2003

API NO. ASSIGNED: 43-013-32486

WELL NAME: FEDERAL 5-11-9-17
OPERATOR: INLAND PRODUCTION (N5160)
CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:
SWNW 11 090S 170E
SURFACE: 2000 FNL 0656 FWL
BOTTOM: 2000 FNL 0656 FWL
DUCHESNE
MONUMENT BUTTE (105)

LEASE TYPE: 1 - Federal
LEASE NUMBER: UTU-79013
SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.04720
LONGITUDE: 109.98045

RECEIVED AND/OR REVIEWED:

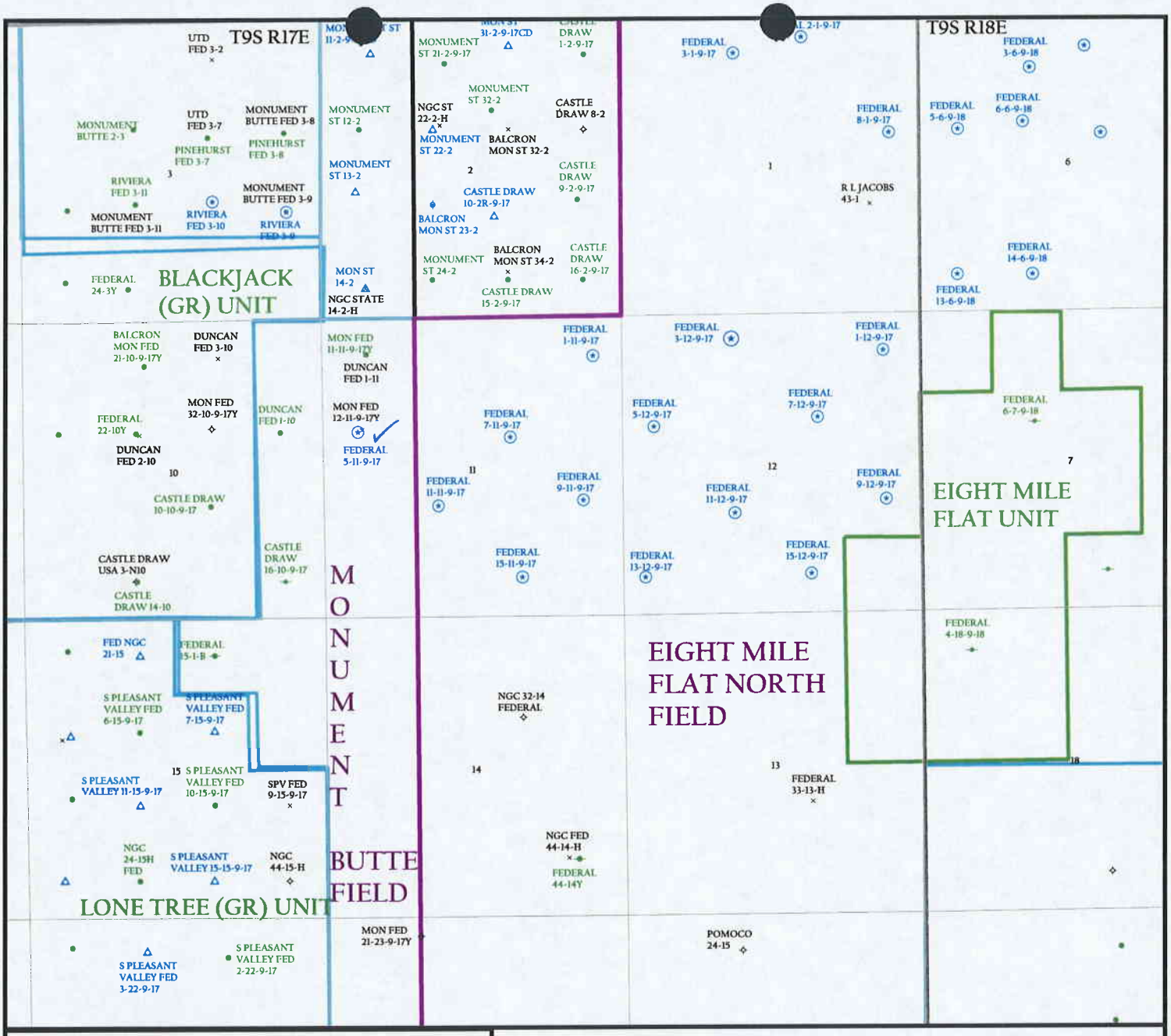
✓ Plat
✓ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 4488944)
N Potash (Y/N)
N Oil Shale 190-5 (B) or 190-3 or 190-13
✓ Water Permit
(No. MUNICIPAL)
N RDCC Review (Y/N)
(Date:)
NA Fee Surf Agreement (Y/N)

LOCATION AND SITING:

___ R649-2-3.
Unit ___
✓ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
___ R649-3-3. Exception
___ Drilling Unit
Board Cause No: ___
Eff Date: ___
Siting: ___
___ R649-3-11. Directional Drill

COMMENTS: SOP, Separate file

STIPULATIONS: 1- Federal approval
2. Spacing Stip



OPERATOR: INLAND PRODUCTION (N5160)

SEC. 11 T.9S, R.17E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Utah Oil Gas and Mining

Wells
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

N W E S

PREPARED BY: DIANA MASON
DATE: 03-SEPTEMBER-2003

004

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

September 4, 2003

Inland Production Company
Route #3, Box 3630
Myton, UT 84052

Re: Federal 5-11-9-17 Well, 2000' FNL, 656' FWL, SW NW, Sec. 11 , T. 9 South, R. 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32486.

Sincerely,

John R. Baza
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Inland Production Company

Well Name & Number Federal 5-11-9-17

API Number: 43-013-32486

Lease: UTU-79013

Location: SW NW **Sec.** 11 **T.** 9 South **R.** 17 East

Conditions of Approval

1. General

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

   Notify the Division within 24 hours of spudding the well.

   - Contact Carol Daniels at (801) 538-5284.

   Notify the Division prior to commencing operations to plug and abandon the well.

   - Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

495

RECEIVED
AUG 2 8 2003
BLM VERNAL, UTAH

Form 3160-3
(September 2001)

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

005

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.: UTU-79013

6. If Indian, Allottee or Tribe Name: N/A

1a. Type of Work: [X] DRILL [ ] REENTER

7. If Unit or CA Agreement, Name and No.: N/A

1b. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other [X] Single Zone [ ] Multiple Zone

8. Lease Name and Well No.: Federal 5-11-9-17

2. Name of Operator: Inland Production Company

9. API Well No.: 43-~~047~~-013-32486

3a. Address: Route #3 Box 3630, Myton UT 84052

3b. Phone No. *(include area code)*: (435) 646-3721

10. Field and Pool, or Exploratory: Monument Butte

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface SW/NW 2000' FNL 656' FWL
At proposed prod. zone

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DIV. OF OIL, GAS & MINING

11. Sec., T., R., M., or Blk. and Survey or Area: SW/NW Sec. 11, T9S R17E

14. Distance in miles and direction from nearest town or post office*: Approximatley 15.3 miles southeast of Myton, Utah

12. County or Parish: Duchesne

13. State: UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 640' f/lse, NA f/unit

16. No. of Acres in lease: 1,000.00

17. Spacing Unit dedicated to this well: 40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 2811'

19. Proposed Depth: 6500'

20. BLM/BIA Bond No. on file: #4488944

21. Elevations (Show whether DF, KDB, RT, GL, etc.): 5076' GR

22. Approximate date work will start*: 4th Quarter 2003

23. Estimated duration: Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature: Mandie Crozier — Name *(Printed/Typed)*: Mandie Crozier — Date: 8/27/03

Title: Regulatory Specialist

Approved by *(Signature)*: Kirk Fleetwood — Name *(Printed/Typed)*: — Date: 6/23/04

Title: ACTING Assistant Field Manager Mineral Resources — Office:

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**(Instructions on reverse)*

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JUN 2 8 2004
DIV. OF OIL, GAS & MINING

UDOGM

NOTICE OF APPROVAL

04JM0825A

CONDITIONS OF APPROVAL ATTACHED

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: FEDERAL 5-11-9-17

API Number: 43-013-32486

Lease Number: UTU – 79013

Location: SWNW Sec. 11 TWN: 09S RNG: 17E

Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Submit an electronic copy of all logs run on this well in LAS format. This submission will replace the requirement for submittal of paper logs to the BLM.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Green River Formation, identified at ±2,421 ft.

**CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL**

Company/Operator: Inland Production Company.

API Number: 43-013-32486

Well Name & Number: Federal 5-11-9-17

Lease Number: U-79013

Location: SWNW Sec. 11 T. 9 S. R. 17 E.

Surface Ownership: BLM

Date NOS Received: None

Date APD Received: 8-28-03

-A certified paleontologist shall be present to monitor the construction of this well location.

-The reserve pit shall be lined because of its location next to Butte Reservoir.

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

008

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

2. Name of Operator
INLAND PRODUCTION COMPANY

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
2000 FNL 656 FWL SW/NW Section 11, T9S R17E

5. Lease Designation and Serial No.
UTU-79013

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No.
FEDERAL 5-11-9-17

9. API Well No.
43-013-32486

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE COUNTY, UT.

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **Permit Extension**	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Inland Production Company requsts to extend the Permit to Drill this well for one year. The original approval date was 9/4/03 (expiration 9/4/04).

Approved by the
Utah Division of
Oil, Gas and Mining
Date: 08-30-04
By: [signature]

RECEIVED
AUG 24 2004
DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR
Date: 8-31-04
Initials: CHD

14. I hereby certify that the foregoing is true and correct
Signed Mandie Crozier Title Regulatory Specialist Date 8/27/04
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any:
CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

[redacted]

Application for Permit to Drill
Request for Permit Extension
Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-32486
Well Name: Federal 5-11-9-17
Location: SW/NW Section 11, T9S R17E
Company Permit Issued to: Inland Production Company
Date Original Permit Issued: 9/4/2003

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes☐ No☐ NA

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes☐ No☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes☐ No☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes☐ No☒

Has the approved source of water for drilling changed? Yes☐ No☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes☐ No☒

Is bonding still in place, which covers this proposed well? Yes☒ No☐

Mandie Crozier
Signature

8/27/2004
Date

Title: Regulatory Specialist

Representing: Inland Production Company

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **INLAND PRODUCTION COMPANY**

Well Name: **FEDERAL 5-11-9-17**

Api No: **43-013-32486** Lease Type: **FEDERAL**

Section **11** Township **09S** Range **17E** County **DUCHESNE**

Drilling Contractor **EAGLE** **RIG #** **1**

SPUDDED:

Date **08/25/04**

Time **12:00 NOON**

How **DRY**

Drilling will commence:

Reported by **RAY HERRERA**

Telephone # **1-435-823-1990**

Date **08/26/2004** **Signed** **CHD**

007

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: INLAND PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE	
A	99999	14283	43-013-32440	Ashley Federal 14-15-9-15	SE/SW	15	9S	15E	Duchesne	August 23, 2004	8/31/04	K

WELL 1 COMMENTS: GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE	
A	99999	14284	43-013-32471	Ashley Federal 10-15-9-15	NW/SE	15	9S	15E	Duchesne	August 25, 2004	8/31/04	K

WELL 2 COMMENTS: GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE	
A	99999	14285	43-013-32486	Federal 5-11-9-17	SW/NW	11	9S	17E	Duchesne	August 25, 2004	8/31/04	K

WELL 3 COMMENTS: GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE	
A	99999	14286	43-013-32473	Ashley Federal 15-15-9-15	SW/SE	15	9S	15E	Duchesne	August 27, 2004	8/31/04	K

WELL 4 COMMENTS: GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE	
A	99999	14287	43-047-35159	Federal 11-11-9-17	NE/SW	11	9S	17E	Uintah	August 30, 2004	8/31/04	K

WELL 5 COMMENTS: GRRV

ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Kebbie S. Jones
Signature
Kebbie S. Jones

Production Clerk
Title

August 31, 2004
Date

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08/31/2004 10:43 4356463031 INLAND PAGE 02

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

009

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
UTU-79013

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
N/A

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
FEDERAL 5-11-9-17

9. API Well No.
43-013-32486

2. Name of Operator
INLAND PRODUCTION COMPANY

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

11. County or Parish, State
DUCHESNE COUNTY, UT

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
2000 FNL 656 FWL SW/NW Section 11, T9S R17E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **Spud Notice**	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On 08/25/04 MIRU EDSI ES Rig#1 .Spud well @ 12:00 PM Drill 310' of 12 1/4 hole with air mist, TIH w/7 Jts 8 5/8 J55 24# csgn. Set @ 309.69'./KB. On 08/27/04. Cement with 150 sks of Class "G" w/ 2% CaCL2 + 1/4# sk Cello-Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. 3 bbls cement returned to surface. WOC.

14. I hereby certify that the foregoing is true and correct

Signed Floyd Mitchell Title **Drilling Foreman** Date **08/29/04**

Floyd Mitchell

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

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DIV. OF OIL, GAS & MINING

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INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 309.69

LAST CASING 8 5/8" SET AT 309.69'
DATUM 12' KB
DATUM TO CUT OFF CASING
DATUM TO BRADENHEAD FLANGE
TD DRILLER 310' LOGGER
HOLE SIZE 12 1/4

OPERATOR Inland Production Company
WELL Federal 5-11-9-17
FIELD/PROSPECT Monument Butte
CONTRACTOR & RIG # EDSI ES#1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		42.53' SH jt					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	299.84
		GUIDE shoe			8rd	A	0.9

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	301.69	7
LESS NON CSG. ITEMS	1.85	
PLUS FULL JTS. LEFT OUT	0	
TOTAL	299.84	7
TOTAL CSG. DEL. (W/O THRDS)	299.84	7
TIMING	1ST STAGE	
BEGIN RUN CSG. Spud	8/25/2004	12:00 PM
CSG. IN HOLE	8/27/2004	11:00 AM
BEGIN CIRC	8/27/2004	4:34 PM
BEGIN PUMP CMT	8/27/2004	4:41 PM
BEGIN DSPL. CMT	8/27/2004	16:51
PLUG DOWN	**8/27/2004**	**4:56 PM**

TOTAL LENGTH OF STRING	301.69
LESS CUT OFF PIECE	4
PLUS DATUM TO T/CUT OFF CSG	12
CASING SET DEPTH	**309.69**

} COMPARE

GOOD CIRC THRU JOB Yes
Bbls CMT CIRC TO SURFACE 3BBLS
RECIPROCATED PIPE I N/A
DID BACK PRES. VALVE HOLD ? N/A
BUMPED PLUG TO Did not bump plug PSI

CEMENT USED — CEMENT COMPANY- B. J.

STAGE	# SX	CEMENT TYPE & ADDITIVES
1	150	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield

CENTRALIZER & SCRATCHER PLACEMENT — SHOW MAKE & SPACING

Centralizers - Middle first, top second & third for 3

COMPANY REPRESENTATIVE Floyd Mitchell DATE 8/29/04

FORM 3160-5
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31,2004

SUNDRY NOTICES AND REPORTS ON WELLS

010 **Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.
UTU79013

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
FEDERAL 5-11-9-17

2. Name of Operator
Newfield Production Company

9. API Well No.
4301332486

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone No. *(include are code)*
435.646.3721

10. Field and Pool, or Exploratory Area
Monument Butte

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
2000 FNL 656 FWL
SW/NW Section 11 T9S R17E

11. County or Parish, State
Duchesne,UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production(Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Weekly Status Report
	☐ Change Plans	☐ Plug & Abandon	☐ Temporarily Abandon	
	☐ Convert to Injector	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Status report for time period 09/21/04 – 10/04/04
Subject well had completion procedures initiated in the Green River formation on 09/21/04 without the use of a service rig over the well. A cement bond log was run and a total of four Green River intervals were perforated and hydraulically fracture treated w/ 20/40 mesh sand. Perf intervals were #1 (5422-5432'),(5360-5380')(all 4 JSPF); #2 (4987-4983'), (4978-4991')(all 4 JSPF); #3 (4673-4696')(4 JSPF); #4 (4028-4036'),(4016-4022'),(4001-4006') (ALL 4 JSPF). Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved on well on 9/30/04. Bridge plugs were drilled out. Well was cleaned out to PBTD @ 5757'. Zones were swab tested for sand cleanup. A BHA & production tbg string were run in and anchored in well. End of tubing string @ 5490.47'. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 10/04/04.

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DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* Renee Palmer
Signature

Title Production Clerk
Date 10/5/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by ..... Title ..... Date .....

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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(Instructions on reverse)

COPY

COPY

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(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31,2004

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2000 FNL 656 FWL
SW/NW Section 11 T9S R17E

11. County or Parish, State
Duchesne,UT

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☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Weekly Status Report
	☐ Change Plans	☐ Plug & Abandon	☐ Temporarily Abandon	
	☐ Convert to Injector	☐ Plug Back	☐ Water Disposal	

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On 9-03-04 MIRU NDSI Rig # 2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notifed of test. PU BHA and tag cement @ 267'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5,582'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 137 jt's of 5.5 J-55, 15.5# csgn. Set @ 5795.78' / KB. Cement with 285 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 375 sks cement mixed @ 14.4 ppg & 1.24 yld. With 15 bbls cement returned to pit. Nipple down Bop's. Drop slips @ 65,000 #'s tension. Release rig 8:00 pm on 9-9-04.

RECEIVED
OCT 0 8 2004
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct
Name *(Printed/ Typed)* Ray Herrera
Title Drilling Foreman

Signature Ray Herrera
Date 10/7/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by ..... Title ..... Date .....

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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(Instructions on reverse)

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5795.78

Flt cllr @ 5759

LAST CASING 8 5/8" Set @ 300'

OPERATOR Inland Production Company

DATUM 12'/ KB

WELL Federal 5-11-9-17

DATUM TO CUT OFF CASING 12

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE

CONTRACTOR & RIG # NDSI rig 2

TD DRILLER 5810' LOGGER 5808'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt' 715' @ 4085.32					
137	5 1/2"	IPS LT & C casing	15.5#	J-55	8rd	A	5745.03
		Float collar					0.6
1	5 1/2"	Maverick LT&C csg	15.5#	J-55	8rd	A	37.5
		GUIDE shoe			8rd	A	0.65

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	5797.78	138
LESS NON CSG. ITEMS	15.25	
PLUS FULL JTS. LEFT OUT	171.83	4
TOTAL	5954.36	142
TOTAL CSG. DEL. (W/O THRDS)	5954.36	142
TIMING	1ST STAGE	2nd STAGE
BEGIN RUN CSG.	9:00am	
CSG. IN HOLE	12:00pm	
BEGIN CIRC	12:30 PM	
BEGIN PUMP CMT	2:44pm	
BEGIN DSPL. CMT	3:40pm	
PLUG DOWN	4:00pm	

TOTAL LENGTH OF STRING	5797.78
LESS CUT OFF PIECE	14
PLUS DATUM TO T/CUT OFF CSG	12
CASING SET DEPTH	5795.78

} COMPARE

GOOD CIRC THRU JOB yes

Bbls CMT CIRC TO SURFACE 15 bbls to pit

RECIPROCATED PIPE I N/A THRUSTROKE

DID BACK PRES. VALVE HOLD ? Yes

BUMPED PLUG TO 2090 PSI

CEMENT USED		CEMENT COMPANY- B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	300	Premlite II w/ 10% gel + 3 % KCL, 3#'s /sk CSE + 2# sk/kolseal + 1/4#'s/sk Cello Flake .5%SM
		mixed @ 11.0 ppg W / 3.43 cf/sk yield
2	375	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD

CENTRALIZER & SCRATCHER PLACEMENT — SHOW MAKE & SPACING

Centralizers - Middle first, top second & third. Then every third collar for a total of 20.

COMPANY REPRESENTATIVE Ray Herrera DATE September 8,20004

NEWFIELD

RECEIVED
NOV 19 2004
DIV. OF OIL, GAS & MINING

November 9, 2004

State of Utah, Division of Oil, Gas and Mining
Attn: Ms. Carol Daniels
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Attn: Ms. Carol Daniels

Federal 11-11-9-17 (43-047-35159)
Uintah County, Utah
Federal 5-11-9-17 (43-047-32486)
Uintah County, Utah
Walker Sand Pass (43-013-31069)
Duchesne County, Utah
Beluga 11-7-9-17 (43-013-32284)
Duchesne County, Uath
Ashley Fed. 14-15-9-15 (43-013-32440)
Duchesne County, Utah

Dear Ms. Carol Daniels

Enclosed is a Well Completion or Recompletion Report and Log form (Form 3160-4). We are no longer sending Log copies since Pat Grissom of Phoenix Surveys is already doing so.

If you should have any questions, please contact me at (303) 382-4449.

Sincerely,

Brian Harris
Engineering Tech

Enclosures

cc: Bureau of Land Management
Vernal District Office, Division of Minerals
Attn: Edwin I. Forsman
170 South 500 East
Vernal, Utah 84078

Well File – Denver
Well File – Roosevelt
Patsy Barreau/Denver
Bob Jewett/Denver
Marnie Bryson/Roosevelt

FORM 3160-4
(July 1992)

012

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: UTU-79013

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

1a. TYPE OF WORK
OIL WELL [X] GAS WELL [ ] DRY [ ] Other

1b. TYPE OF WELL
NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF RESVR. [ ] Other

RECEIVED
NOV 19 2004
DIV. OF OIL, GAS & MINING

7. UNIT AGREEMENT NAME: South Pleasant Valley Area

8. FARM OR LEASE NAME, WELL NO.: FEDERAL 5-11-9-17

2. NAME OF OPERATOR: Newfield Exploration

9. WELL NO.: 43-013-32486

3. ADDRESS AND TELEPHONE NO.: 1401 17th St. Suite 1000 Denver, CO 80202

10. FIELD AND POOL OR WILDCAT: Monument Butte

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.*)
At Surface: 2000' FNL & 656' FWL (SWNW) Sec. 11, Twp 9S, Rng 17E
At top prod. Interval reported below
At total depth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 11, T9S, R17E

14. API NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-013-32486	9/4/2003	Duchesne	UT

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD
8/25/2004	9/8/2004	10/4/2004	5076' GR	5086' KB	

20. TOTAL DEPTH, MD & TVD	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5810'	5757'		------>	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
Green River 4001'-5432'

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED: No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	309'	12-1/4"	To surface with 150 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5795'	7-7/8"	300 sx Premlite II and 375 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 5490'	TA @ 5322'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER
(CP1,2) 5360-80', 5422-32'	.41"	4/120
(A1) 4978-83', 4987-91'	.41"	4/36
(C-sd) 4673-4696'	.41"	4/92
(GB4) 4001-06', 4016-22', 4028-36'	.41"	4/76

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5360'-5432'	Frac w/ 48,815# 20/40 sand in 636 bbls fluid.
4978'-4991'	Frac w/ 14,525# 20/40 sand in 217 bbls fluid.
4673'-4696'	Frac w/ 79,746# 20/40 sand in 586 bbls fluid.
4001'-4036'	Frac w/ 92,446# 20/40 sand in 645 bbls fluid.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
10/4/2004	2-1/2" x 1-1/2" x 15.5' RHAC Pump	PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBLS.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			----->	64	94	31	1469

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS--MCF..	WATER--BBL.	OIL GRAVITY-API (CORR.)
		----->				

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Brian Harris TITLE Engineering Technician DATE 11/8/2004

Brian Harris

BDH

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			Well Name **Federal 5-11-9-17**

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	3534'	
Garden Gulch 1	3718'	
Garden Gulch 2	3832'	
Point 3 Mkr	4095'	
X Mkr	4333'	
Y-Mkr	4368'	
Douglas Creek Mkr	4493'	
BiCarbonate Mkr		
B Limestone Mkr	4856'	
Castle Peak	5309'	
Basal Carbonate	5724'	
Total Depth (LOGGERS	5810'	

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov

TAKE PRIDE IN AMERICA

IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael L Coulthard

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure
1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

UTSL-

071572A
065914

UTU-

02458
03563
03563A
04493
05843
07978
09803
017439B
017985
017991
017992
018073
019222
020252
020252A
020254
020255
020309D
022684A
027345
034217A
035521
035521A
038797
058149
063597A
075174
096547
096550

10760
11385
13905
15392
15855
16535
16539
16544
17036
17424
18048
18399
19267
26026A
30096
30103
31260
33992
34173
34346
36442
36846
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63073X
63098A
68528A
72086A
72613A
73520X
74477X
75023X
76189X
76331X
76788X
77098X
77107X
77236X
77376X
78560X
79485X
79641X
80207X
81307X

Corporations Section
P.O.Box 13697
Austin, Texas 78711-3697

Geoffrey S. Connor
Secretary of State

Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas

SEP 02 2004

Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

013

Change of Operator (Well Sold) | Designation of Agent/Operator

X Operator Name Change | **Merger**

The operator of the well(s) listed below has changed, effective: **9/1/2004**

FROM: (Old Operator):	**TO:** (New Operator):
N5160-Inland Production Company	N2695-Newfield Production Company
Route 3 Box 3630	Route 3 Box 3630
Myton, UT 84052	Myton, UT 84052
Phone: 1-(435) 646-3721	Phone: 1-(435) 646-3721

CA No. **Unit:**

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
FEDERAL 16-20-8-16	20	080S	160E	4301332474		Federal	OW	APD	K
FEDERAL 9-24-8-16	24	080S	160E	4301332359		Federal	OW	APD	K
FENCELINE FED 8-24-8-16	24	080S	160E	4301332360		Federal	OW	APD	K
FENCELINE FED 7-24-8-16	24	080S	160E	4301332361	14399	Federal	OW	DRL	K
FENCELINE FED 6-24-8-16	24	080S	160E	4301332362		Federal	OW	APD	K
FENCELINE FED 3-24-8-16	24	080S	160E	4301332363		Federal	OW	DRL	K
FENCELINE FED 2-24-8-16	24	080S	160E	4301332364		Federal	OW	APD	K
FENCELINE FED 1-24-8-16	24	080S	160E	4301332365		Federal	OW	APD	K
FEDERAL 10-24-8-16	24	080S	160E	4301332366		Federal	OW	APD	K
FEDERAL 13-29-8-16	29	080S	160E	4301332450		Federal	OW	APD	K
FEDERAL 16-30-8-16	30	080S	160E	4301332451		Federal	OW	APD	K
FENCE LINE FED 3-19-8-17	19	080S	170E	4301332370		Federal	OW	APD	K
FENCE LINE FED 4-19-8-17	19	080S	170E	4301332371		Federal	OW	APD	K
FENCE LINE FED 5-19-8-17	19	080S	170E	4301332372	14125	Federal	OW	P	K
FENCE LINE FED 6-19-8-17	19	080S	170E	4301332373	14529	Federal	OW	DRL	K
ASHLEY ST 1-2-9-15	02	090S	150E	4301332436		State	OW	APD	K
ASHLEY ST 8-2-9-15	02	090S	150E	4301332437		State	OW	APD	K
ASHLEY FED 14-15-9-15	15	090S	150E	4301332440	12419	Federal	OW	P	K
GB FED 10-3-9-17	03	090S	170E	4301332184	12391	Federal	OW	P	
FEDERAL 5-11-9-17	11	090S	170E	4301332486	14285	Federal	OW	P	K

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004

3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 2/23/2005
4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
5. If **NO**, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE

6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - **received 2/23/05**

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

TAKE PRIDE IN AMERICA

IN REPLY REFER TO
3180
UT-922

June 30, 2005

Newfield Production Company
Attn: Kelly L. Donohoue
1401 Seventeenth Street, Suite 1000
Denver, Colorado 80202

Gentlemen:

The Sundance (Green River) Unit Agreement, Uintah County, Utah, was approved June 30, 2005. This agreement has been designated No. UTU82472X, and is effective July 1, 2005. The unit area embraces 11,143.86 acres, more or less.

Pursuant to regulations issued and effective June 17, 1988, all operations within the Sundance (Green River) Unit will be covered by your nationwide (Utah) oil and gas bond No. 0056.

The following leases embrace lands included within the unit area:

UTU0075174	UTU39713	UTU65970*	UTU79013*
UTU16539*	UTU39714	UTU74404	UTU79014*
UTU16540	UTU44429	UTU74835	UTU80915
UTU17424*	UTU64806*	UTU74872*	UTU82205
UTU18043	UTU65969	UTU75234	

* Indicates lease to be considered for segregation by the Bureau of Land Management pursuant to Section 18 (g) of the unit agreement and Public Law 86-705.

All lands and interests by State of Utah, Cause No. 228-08 are fully committed. Docket No 2005-009

Approval of this agreement does not warrant or certify that the operator thereof and other holders of operating rights hold legal or equitable title to those rights in the subject leases which are committed hereto.

RECEIVED
JUL 07 2005
DIV. OF OIL, GAS & MINING

We are of the opinion that the agreement is necessary and advisable in the public interest and for the purpose of more properly conserving natural resources. Certification-Determination, signed by the School and Institutional Trust Land Administration for the State of Utah, is attached to the enclosed agreement. We request that you furnish the State of Utah and all other interested principals with appropriate evidence of this approval.

Sincerely,

/s/ Terry Catlin

Terry Catlin
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Mary Higgins w/enclosure
MMS - Data Management Division (Attn: James Sykes)
Trust Lands Administration
Division of Oil, Gas and Mining
Field Manager - Vernal w/enclosure
File - Sundance (Green River) Unit w/enclosure
Agr. Sec. Chron
Fluid Chron
Central Files

UT922:TAThompson:tt:06/30/2005

Entity Form 6

"C" Change from one existing entity to another existing entity

API	Well	Sec	Twsp	Rng	Entity	Entity Eff Date
4301316218	CASTLE DRAW 16-10-9-17	10	090S	170E	8120 to 14844	9/20/2005
4301330568	FEDERAL 8-10-9-17	10	090S	170E	8000 to 14844	9/20/2005
4301332502	FEDERAL 9-10-9-17	10	090S	170E	14325 to 14844	9/20/2005
4301331593	MON FED 11-11-9-17Y	11	090S	170E	11904 to 14844	9/20/2005
4301332486	FEDERAL 5-11-9-17	11	090S	170E	14285 to 14844	9/20/2005
4301332510	FEDERAL 13-11-9-17	11	090S	170E	14273 to 14844	9/20/2005
4301332544	FEDERAL 12-11-9-17	11	090S	170E	14613 to 14844	9/20/2005
4301332704	FEDERAL 12-14-9-17	14	090S	170E	14786 to 14844	9/20/2005
4301331023	FEDERAL 15-1-B	15	090S	170E	10201 to 14844	9/20/2005
4304734494	FEDERAL 1-31-8-18	31	080S	180E	13927 to 14844	9/20/2005
4304734495	FEDERAL 2-31-8-18	31	080S	180E	13959 to 14844	9/20/2005
4304734496	FEDERAL 3-31-8-18	31	080S	180E	13915 to 14844	9/20/2005
4304734497	FEDERAL 4-31-8-18	31	080S	180E	13942 to 14844	9/20/2005
4304734498	FEDERAL 5-31-8-18	31	080S	180E	13898 to 14844	9/20/2005
4304734499	FEDERAL 6-31-8-18	31	080S	180E	13960 to 14844	9/20/2005
4304734500	FEDERAL 7-31-8-18	31	080S	180E	13925 to 14844	9/20/2005
4304734501	FEDERAL 11-31-8-18	31	080S	180E	13924 to 14844	9/20/2005
4304734502	FEDERAL 12-31-8-18	31	080S	180E	13958 to 14844	9/20/2005
4304734503	FEDERAL 13-31-8-18	31	080S	180E	14324 to 14844	9/20/2005
4304734504	FEDERAL 8-31-8-18	31	080S	180E	13961 to 14844	9/20/2005
4304734930	FEDERAL 10-31-8-18	31	080S	180E	13986 to 14844	9/20/2005
4304734931	FEDERAL 9-31-8-18	31	080S	180E	13963 to 14844	9/20/2005
4304731116	NGC ST 33-32	32	080S	180E	6210 to 14844	9/20/2005
4304732500	STATE 31-32	32	080S	180E	11645 to 14844	9/20/2005
4304732685	SUNDANCE ST 5-32	32	080S	180E	11781 to 14844	9/20/2005
4304732740	SUNDANCE ST 1-32R-8-18	32	080S	180E	11886 to 14844	9/20/2005
4304732741	SUNDANCE ST 3-32	32	080S	180E	12059 to 14844	9/20/2005
4304732827	SUNDANCE ST 4-32	32	080S	180E	12106 to 14844	9/20/2005
4304734458	SUNDANCE 7-32-8-18	32	080S	180E	13987 to 14844	9/20/2005
4304734459	SUNDANCE 8-32-8-18	32	080S	180E	14047 to 14844	9/20/2005
4304734460	SUNDANCE 9-32-8-18	32	080S	180E	13988 to 14844	9/20/2005
4304734461	SUNDANCE 11-32-8-18	32	080S	180E	13962 to 14844	9/20/2005
4304734462	SUNDANCE 12-32-8-18	32	080S	180E	14031 to 14844	9/20/2005
4304734463	SUNDANCE 13-32-8-18	32	080S	180E	13964 to 14844	9/20/2005
4304734464	SUNDANCE 14-32-8-18	32	080S	180E	14046 to 14844	9/20/2005

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
1595 WYNKOOP STREET
DENVER, CO 80202-1129
http://www.epa.gov/region8

APR 1 0 2008

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Eric Sundberg
Newfield Production Company
1401 Seventeenth Street, Suite 1000
Denver, CO 80202

43 013 32486

Re: Final Permit
EPA UIC Permit UT21054-07128
Federal 5-11-9-17
Duchesne County, Utah
9S 17E 11

Dear Mr. Sundberg:

Enclosed is your copy of the FINAL Underground Injection Control (UIC) Permit for the proposed Federal 5-11-9-17 injection well. A Statement of Basis that discusses the conditions and requirements of this EPA UIC Permit, is also included.

The Public Comment period for this Permit ended on MAR 9 2008. No comments on the Draft Permit were received during the Public Notice period; therefore the Effective Date for this EPA UIC Permit is the date of issuance. All conditions set forth herein refer to Title 40 Parts 124, 144, 146, and 147 of the Code of Federal Regulations (CFR) and are regulations that are in effect as of the Effective Date of this Permit.

Please note that under the terms and conditions of this Final Permit you are authorized only to construct the proposed injection well. Prior to commencing injection, you first must fulfill all "Prior to Commencing Injection" requirements of the Final Permit, Part II Section C Subpart 1, and obtain written Authorization to Inject from the EPA. It is your responsibility to be familiar with and to comply with all provisions of your Final Permit.

This EPA UIC Permit is issued for the operating life of the well unless terminated (Part III, Section B). The EPA may review this Permit at least every five (5) years to determine whether any action is warranted pursuant to 40 CFR § 144.36(a).

RECEIVED
APR 14 2008
DIV. OF OIL, GAS & MINING

If you have any questions on the enclosed Final Permit or Statement of Basis, please call Emmett Schmitz of my staff at (303) 312-6174, or toll-free at (800) 227-8917, ext. 312-6174.

Sincerely,

Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

enclosure: Final UIC Permit
Statement of Basis
Form 7520-07 Application to Transfer
Form 7520-11 Monitoring Report
Form 7520-12 Well Rework Record
Form 7520-13 Plugging Record

cc: Letter:

Uintah & Ouray Business Committee, Ute Indian Tribe:
Curtis Cesspooch, Chairman
Irene Cuch, Vice-Chairwoman
Frances Poowegup, Councilwoman
Ronald Groves, Councilman
Phillip Chimburas, Councilman
Steven Cesspooch, Councilman

Chester Mills, Superintendent
U.S. Bureau of Indian Affairs
Uintah & Ouray Indian Agency

cc: all enclosures:

Michael Guinn
District Manager
Newfield Production Company
Myton, Utah

Shaun Chapoose
Director
Land Use Dept.
Ute Indian Tribe

Gilbert Hunt
Assistant Director
State of Utah - Natural Resources

Fluid Minerals Engineering Dept.
U.S. Bureau of Land Mangement
Vernal, Utah

EPA

UNDERGROUND INJECTION CONTROL PROGRAM

PERMIT

PREPARED: March 2008

Permit No. UT21054-07128

Class II Enhanced Oil Recovery Injection Well

Federal 5-11-9-17
Duchesne County, UT

Issued To

Newfield Production Company
1401 Seventeenth Street, Suite 1000
Denver, CO 80202

Part I. AUTHORIZATION TO CONSTRUCT AND OPERATE

Under the authority of the Safe Drinking Water Act and Underground Injection Control (UIC) Program regulations of the U. S. Environmental Protection Agency (EPA) codified at Title 40 of the Code of Federal Regulations (40 CFR) Parts 2, 124, 144, 146, and 147, and according to the terms of this Permit,

Newfield Production Company
1401 Seventeenth Street, Suite 1000
Denver, CO 80202

is authorized to construct and to operate the following Class II injection well or wells:

Federal 5-11-9-17
2000' FNL & 656' FWL, SWNW S11, T9S, R17E
Duchesne County, UT

EPA regulates the injection of fluids into injection wells so that injection does not endanger underground sources of drinking water (USDWs). EPA UIC Permit conditions are based on authorities set forth at 40 CFR Parts 144 and 146, and address potential impacts to USDWs.

Under 40 CFR Part 144, Subpart D, certain conditions apply to all UIC Permits and may be incorporated either expressly or by reference. General permit conditions for which the content is mandatory and not subject to site-specific differences are not discussed in this document. Issuance of this Permit does not convey any property rights of any sort or any exclusive privilege, nor does it authorize injury to persons or property or invasion of other private rights, or any infringement of other Federal, State or local laws or regulations. (40 CFR §144.35) An EPA UIC Permit may be issued for the operating life of the injection well or project unless terminated for reasonable cause under 40 CFR §§144.39, 144.40 and 144.41, and may be reviewed at least once every five (5) years to determine if action is required under 40 CFR §144.36(a).

This Permit is issued for the life of the well(s) unless modified, revoked and reissued, or terminated under 40 CFR 144.39 or 144.40. This EPA Permit may be adopted, modified, revoked and reissued, or terminated if primary enforcement authority for a UIC Program is delegated to an Indian Tribe or State. Upon the effective date of delegation, reports, notifications, questions and other correspondence should be directed to the Indian Tribe or State Director.

Issue Date: APR 14 2008 Effective Date APR 14 2008

Stephen S. Tuber
Assistant Regional Administrator*
Office of Partnerships and Regulatory Assistance

*NOTE: The person holding this title is referred to as the "Director" throughout this Permit.

PART II. SPECIFIC PERMIT CONDITIONS

Section A. WELL CONSTRUCTION REQUIREMENTS

These requirements represent the approved minimum construction standards for well casing and cement, injection tubing, and packer.

Details of the approved well construction plan are incorporated into this Permit as APPENDIX A. Changes to the approved plan that may occur during construction must be approved by the Director prior to being physically incorporated.

1. Casing and Cement.

The well or wells shall be cased and cemented to prevent the movement of fluids into or between underground sources of drinking water. The well casing and cement shall be designed for the life expectancy of the well and of the grade and size shown in APPENDIX A. Remedial cementing may be required if shown to be inadequate by cement bond log or other attempted demonstration of Part II (External) mechanical integrity.

2. Injection Tubing and Packer.

Injection tubing is required, and shall be run and set with a packer at or below the depth indicated in APPENDIX A. The packer setting depth may be changed provided it remains below the depth indicated in APPENDIX A and the Permittee provides notice and obtains the Director's approval for the change.

3. Sampling and Monitoring Devices.

The Permittee shall install and maintain in good operating condition:

(a) a "tap" at a conveniently accessible location on the injection flow line between the pump house or storage tanks and the injection well, isolated by shut-off valves, for collection of representative samples of the injected fluid; and

(b) one-half (1/2) inch female iron pipe fitting, isolated by shut-off valves and located at the wellhead at a conveniently accessible location, for the attachment of a pressure gauge capable of monitoring pressures ranging from normal operating pressures up to the Maximum Allowable Injection Pressure specified in APPENDIX C:

  (i) on the injection tubing; and

  (ii) on the tubing-casing annulus (TCA); and

(c) a pressure actuated shut-off device attached to the injection flow line set to shut-off the injection pump when or before the Maximum Allowable Injection Pressure (MAIP) specified in APPENDIX C is reached at the wellhead; and

(d) a non-resettable cumulative volume recorder attached to the injection line.

4. Well Logging and Testing

Well logging and testing requirements are found in APPENDIX B. The Permittee shall ensure the log and test requirements are performed within the time frames specified in APPENDIX B. Well logs and tests shall be performed according to current EPA-approved procedures. Well log and test results shall be submitted to the Director within sixty (60) days of completion of the logging or testing activity, and shall include a report describing the methods used during logging or testing and an interpretation of the test or log results.

5. Postponement of Construction or Conversion

The Permittee shall complete well construction within one year of the Effective Date of the Permit, or in the case of an Area Permit within one year of Authorization of the additional well. Authorization to construct and operate shall expire if the well has not been constructed within one year of the Effective Date of the Permit or Authorization and the Permit may be terminated under 40 CFR 144.40, unless the Permittee has notified the Director and requested an extension prior to expiration. Notification shall be in writing, and shall state the reasons for the delay and provide an estimated completion date. Once Authorization has expired under this part, the complete permit process including opportunity for public comment may be required before Authorization to construct and operate may be reissued.

6. Workovers and Alterations

Workovers and alterations shall meet all conditions of the Permit. Prior to beginning any addition or physical alteration to an injection well that may significantly affect the tubing, packer or casing, the Permittee shall give advance notice to the Director and obtain the Director's approval. The Permittee shall record all changes to well construction on a Well Rework Record (EPA Form 7520-12), and shall provide this and any other record of well workover, logging, or test data to EPA within sixty (60) days of completion of the activity.

A successful demonstration of Part I MI is required following the completion of any well workover or alteration which affects the casing, tubing, or packer. Injection operations shall not be resumed until the well has successfully demonstrated mechanical integrity and the Director has provided written approval to resume injection.

Section B. MECHANICAL INTEGRITY

The Permittee is required to ensure each injection well maintains mechanical integrity at all times. The Director, by written notice, may require the Permittee to comply with a schedule describing when mechanical integrity demonstrations shall be made.

An injection well has mechanical integrity if:

(a) There is no significant leak in the casing, tubing, or packer (Part I); and

(b) There is no significant fluid movement into an underground source of drinking water through vertical channels adjacent to the injection well bore (Part II).

1. Demonstration of Mechanical Integrity (MI).

The operator shall demonstrate MI prior to commencing injection and periodically thereafter. Well-specific conditions dictate the methods and the frequency for demonstrating MI and are discussed in the Statement of Basis. The logs and tests are designed to demonstrate both internal (Part I) and external (Part II) MI as described above. The conditions present at this well site warrant the methods and frequency required in Appendix B of this Permit.

In addition to these regularly scheduled demonstrations of MI, the operator shall demonstrate internal (Part I) MI after any workover which affects the tubing, packer or casing.

The Director may require additional or alternative tests if the results presented by the operator are not satisfactory to the Director to demonstrate there is no movement of fluid into or between USDWs resulting from injection activity. Results of MI tests shall be submitted to the Director as soon as possible but no later than sixty (60) days after the test is complete.

2. Mechanical Integrity Test Methods and Criteria

EPA-approved methods shall be used to demonstrate mechanical integrity. Ground Water Section Guidance No. 34 "Cement Bond Logging Techniques and Interpretation", Ground Water Section Guidance No. 37, "Demonstrating Part II (External) Mechanical Integrity for a Class II injection well permit", and Ground Water Section Guidance No. 39, "Pressure Testing Injection Wells for Part I (Internal) Mechanical Integrity" are available from EPA and will be provided upon request.

The Director may stipulate specific test methods and criteria best suited for a specific well construction and injection operation.

3. Notification Prior to Testing.

The Permittee shall notify the Director at least 30 days prior to any scheduled mechanical integrity test. The Director may allow a shorter notification period if it would be sufficient to enable EPA to witness the mechanical integrity test. Notification may be in the form of a yearly or quarterly schedule of planned mechanical integrity tests, or it may be on an individual basis.

4. Loss of Mechanical Integrity.

If the well fails to demonstrate mechanical integrity during a test, or a loss of mechanical integrity becomes evident during operation (such as presence of pressure in the TCA, water flowing at the surface, etc.), the Permittee shall notify the Director within 24 hours (see Part III Section E Paragraph 11(e) of this Permit) and the well shall be shut-in within 48 hours unless the Director requires immediate shut-in.

Within five days, the Permittee shall submit a follow-up written report that documents test results, repairs undertaken or a proposed remedial action plan.

Injection operations shall not be resumed until after the well has successfully been repaired and demonstrated mechanical integrity, and the Director has provided approval to resume injection.

Section C. WELL OPERATION

INJECTION BETWEEN THE OUTERMOST CASING PROTECTING UNDERGROUND SOURCES OF DRINKING WATER AND THE WELL BORE IS PROHIBITED.

Injection is approved under the following conditions:

1. Requirements Prior to Commencing Injection.

Well injection, including for new wells authorized by an Area Permit under 40 CFR 144.33 (c), may commence only after all well construction and pre-injection requirements herein have been met and approved. The Permittee may not commence injection until construction is complete, and

(a) The Permittee has submitted to the Director a notice of completion of construction and a completed EPA Form 7520-10 or 7520-12; all applicable logging and testing requirements of this Permit (see APPENDIX B) have been fulfilled and the records submitted to the Director; mechanical integrity pursuant to 40 CFR 146.8 and Part II Section B of this Permit has been demonstrated; and

(i) The Director has inspected or otherwise reviewed the new injection well and finds it is in compliance with the conditions of the Permit; or

(ii) The Permittee has not received notice from the Director of his or her intent to inspect or otherwise review the new injection well within 13 days of the date of the notice in Paragraph 1a, in which case prior inspection or review is waived and the Permittee may commence injection.

2. Injection Interval.

Injection is permitted only within the approved injection interval, listed in APPENDIX C. Additional individual injection perforations may be added provided that they remain within the approved injection interval and the Permittee provides notice to the Director in accordance with Part II, Section A, Paragraph 6.

3. Injection Pressure Limitation

(a) The permitted Maximum Allowable Injection Pressure (MAIP), measured at the wellhead, is found in APPENDIX C. Injection pressure shall not exceed the amount the Director determines is appropriate to ensure that injection does not initiate new fractures or propagate existing fractures in the confining zone adjacent to USDWs. In no case shall injection pressure cause the movement of injection or formation fluids into a USDW.

(b) The Permittee may request a change of the MAIP, or the MAIP may be increased or decreased by the Director in order to ensure that the requirements in Paragraph (a) above are fulfilled. The Permitee may be required to conduct a step rate injection test or other suitable test to provide information for determining the fracture pressure of the injection zone. Change of the permitted MAIP by the Director shall be by modification of this Permit and APPENDIX C.

4. Injection Volume Limitation.

Injection volume is limited to the total volume specified in APPENDIX C.

5. Injection Fluid Limitation.

Injected fluids are limited to those identified in 40 CFR 144.6(b)(2) as fluids used for enhanced recovery of oil or natural gas, including those which are brought to the surface in connection with conventional oil or natural gas production that may be commingled with waste waters from gas plants which are an integral part of production operations unless those waters are classified as a hazardous waste at the time of injection, pursuant to 40 CFR 144.6(b). Non-exempt wastes, including unused fracturing fluids or acids, gas plant cooling tower cleaning wastes, service wastes and vacuum truck wastes, are NOT approved for injection. This well is NOT approved for commercial brine injection, industrial waste fluid disposal or injection of hazardous waste as defined by CFR 40 Part 261. The Permittee shall provide a listing of the sources of injected fluids in accordance with the reporting requirements in Part II Section D Paragraph 4 and APPENDIX D of this Permit.

6. Tubing-Casing Annulus (TCA)

The tubing-casing annulus (TCA) shall be filled with water treated with a corrosion inhibitor, or other fluid approved by the Director. The TCA valve shall remain closed during normal operating conditions and the TCA pressure shall be maintained at zero (0) psi.

If TCA pressure cannot be maintained at zero (0) psi, the Permittee shall follow the procedures in Ground Water Section Guidance No. 35 "Procedures to follow when excessive annular pressure is observed on a well."

Section D. MONITORING, RECORDKEEPING, AND REPORTING OF RESULTS

1. Monitoring Parameters, Frequency, Records and Reports.

Monitoring parameters are specified in APPENDIX D. Pressure monitoring recordings shall be taken at the wellhead. The listed parameters are to be monitored, recorded and reported at the frequency indicated in APPENDIX D even during periods when the well is not operating.

Monitoring records must include:

(a) the date, time, exact place and the results of the observation, sampling, measurement, or analysis, and;

(b) the name of the individual(s) who performed the observation, sampling, measurement, or analysis, and;

(c) the analytical techniques or methods used for analysis.

2. Monitoring Methods.

(a) Monitoring observations, measurements, samples, etc. taken for the purpose of complying with these requirements shall be representative of the activity or condition being monitored.

(b) Methods used to monitor the nature of the injected fluids must comply with analytical methods cited and described in Table 1 of 40 CFR 136.3 or Appendix III of 40 CFR 261, or by other methods that have been approved in writing by the Director.

(c) Injection pressure, annulus pressure, injection rate, and cumulative injected volumes shall be observed and recorded at the wellhead under normal operating conditions, and all parameters shall be observed simultaneously to provide a clear depiction of well operation.

(d) Pressures are to be measured in pounds per square inch (psi).

(e) Fluid volumes are to be measured in standard oil field barrels (bbl).

(f) Fluid rates are to be measured in barrels per day (bbl/day).

3. Records Retention.

(a) Records of calibration and maintenance, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit shall be retained for a period of AT LEAST THREE (3) YEARS from the date of the sample, measurement, report, or application. This period may be extended anytime prior to its expiration by request of the Director.

(b) Records of the nature and composition of all injected fluids must be retained until three (3) years after the completion of any plugging and abandonment (P&A) procedures specified under 40 CFR 144.52(a)(6) or under Part 146 Subpart G, as appropriate. The Director may require the Permittee to deliver the records to the Director at the conclusion of the retention period. The Permittee shall continue to retain the records after the three (3) year retention period unless the Permittee delivers the records to the Director or obtains written approval from the Director to discard the records.

(c) The Permittee shall retain records at the location designated in APPENDIX D.

4. Annual Reports.

Whether the well is operating or not, the Permittee shall submit an Annual Report to the Director that summarizes the results of the monitoring required by Part II Section D and APPENDIX D.

The first Annual Report shall cover the period from the effective date of the Permit through December 31 of that year. Subsequent Annual Reports shall cover the period from January 1 through December 31 of the reporting year. Annual Reports shall be submitted by February 15 of the year following data collection. EPA Form 7520-11 may be copied and shall be used to submit the Annual Report, however, the monitoring requirements specified in this Permit are mandatory even if EPA Form 7520-11 indicates otherwise.

Section E. PLUGGING AND ABANDONMENT

1. Notification of Well Abandonment, Conversion or Closure.

The Permittee shall notify the Director in writing at least forty-five (45) days prior to: 1) plugging and abandoning an injection well, 2) converting to a non-injection well, and 3) in the case of an Area Permit, before closure of the project.

2. Well Plugging Requirements

Prior to abandonment, the injection well shall be plugged with cement in a manner which isolates the injection zone and prevents the movement of fluids into or between underground sources of drinking water, and in accordance with 40 CFR 146.10 and other applicable Federal, State or local law or regulations. Tubing, packer and other downhole apparatus shall be removed. Cement with additives such as accelerators and retarders that control or enhance cement properties may be used for plugs; however, volume-extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.6 lb/gal shall be placed between all plugs. A minimum 50 ft surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. Prior to placement of the cement plug(s) the well shall be in a state of static equilibrium with the mud weight equalized top to bottom, either by circulating the mud in the well at least once or by a comparable method prescribed by the Director.

3. Approved Plugging and Abandonment Plan.

The approved plugging and abandonment plan is incorporated into this Permit as APPENDIX E. Changes to the approved plugging and abandonment plan must be approved by the Director prior to beginning plugging operations. The Director also may require revision of the approved plugging and abandonment plan at any time prior to plugging the well.

4. Forty Five (45) Day Notice of Plugging and Abandonment.

The Permittee shall notify the Director at least forty-five (45) days prior to plugging and abandoning a well and provide notice of any anticipated change to the approved plugging and abanonment plan.

5. Plugging and Abandonment Report.

Within sixty (60) days after plugging a well, the Permittee shall submit a report (EPA Form 7520-13) to the Director. The plugging report shall be certified as accurate by the person who performed the plugging operation. Such report shall consist of either:

(a) A statement that the well was plugged in accordance with the approved plugging and abandonment plan; or

(b) Where actual plugging differed from the approved plugging and abandonment plan, an updated version of the plan, on the form supplied by the Director, specifying the differences.

6. Inactive Wells.

After any period of two years during which there is no injection the Permittee shall plug and abandon the well in accordance with Part II Section E Paragraph 2 of this Permit unless the Permittee:

(a) Provides written notice to the Director;

(b) Describes the actions or procedures the Permittee will take to ensure that the well will not endanger USDWs during the period of inactivity. These actions and procedures shall include compliance with mechanical integrity demonstration, Financial Responsibility and all other permit requirements designed to protect USDWs; and

(c) Receives written notice by the Director temporarily waiving plugging and abandonment requirements.

PART III. CONDITIONS APPLICABLE TO ALL PERMITS

Section A. EFFECT OF PERMIT

The Permittee is allowed to engage in underground injection in accordance with the conditions of this Permit. The Permittee shall not construct, operate, maintain, convert, plug, abandon, or conduct any other activity in a manner that allows the movement of fluid containing any contaminant into underground sources of drinking water, if the presence of that contaminant may cause a violation of any primary drinking water regulation under 40 CFR 142 or may otherwise adversely affect the health of persons. Any underground injection activity not authorized by this Permit or by rule is prohibited. Issuance of this Permit does not convey property rights of any sort or any exclusive privilege; nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of any other Federal, State or local law or regulations. Compliance with the terms of this Permit does not constitute a defense to any enforcement action brought under the provisions of Section 1431 of the Safe Drinking Water Act (SDWA) or any other law governing protection of public health or the environment, for any imminent and substantial endangerment to human health or the environment, nor does it serve as a shield to the Permittee's independent obligation to comply with all UIC regulations. Nothing in this Permit relieves the Permittee of any duties under applicable regulations.

Section B. CHANGES TO PERMIT CONDITIONS

1. Modification, Reissuance, or Termination.

The Director may, for cause or upon a request from the Permittee, modify, revoke and reissue, or terminate this Permit in accordance with 40 CFR 124.5, 144.12, 144.39, and 144.40. Also, this Permit is subject to minor modification for causes as specified in 40 CFR 144.41. The filing of a request for modification, revocation and reissuance, termination, or the notification of planned changes or anticipated noncompliance on the part of the Permittee does not stay the applicability or enforceability of any condition of this Permit.

2. Conversions.

The Director may, for cause or upon a written request from the Permittee, allow conversion of the well from a Class II injection well to a non-Class II well. Conversion may not proceed until the Permittee receives written approval from the Director. Conditions of such conversion may include but are not limited to, approval of the proposed well rework, follow up demonstration of mechanical integrity, well-specific monitoring and reporting following the conversion, and demonstration of practical use of the converted configuration.

3. Transfer of Permit.

Under 40 CFR 144.38, this Permit is transferable provided the current Permittee notifies the Director at least thirty (30) days in advance of the proposed transfer date (EPA Form 7520-7) and provides a written agreement between the existing and new Permittees containing a specific date for transfer of Permit responsibility, coverage and liability between them. The notice shall adequately demonstrate that the financial responsibility requirements of 40 CFR 144.52(a)(7) will be met by the new Permittee. The Director may require modification or revocation and reissuance of the Permit to change the name of the Permittee and incorporate such other requirements as may be necessary under the Safe Drinking Water Act; in some cases, modification or revocation and reissuance is mandatory.

4. Permittee Change of Address.

Upon the Permittee's change of address, or whenever the operator changes the address where monitoring records are kept, the Permittee must provide written notice to the Director within 30 days.

5. Construction Changes, Workovers, Logging and Testing Data

The Permittee shall give advance notice to the Director, and shall obtain the Director's written approval prior to any physical alterations or additions to the permitted facility. Alterations or workovers shall meet all conditions as set forth in this permit. The Permittee shall record any changes to the well construction on a Well Rework Record (EPA Form 7520-12), and shall provide this and any other record of well workovers, logging , or test data to EPA within sixty (60) days of completion of the activity.

Following the completion of any well workovers or alterations which affect the casing, tubing, or packer, a successful demonstration of mechanical integrity (Part III, Section F of this Permit) shall be made, and written authorization from the Director received, prior to resuming injection activities.

Section C. SEVERABILITY

The Provisions of this Permit are severable, and if any provision of this Permit or the application of any provision of this Permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this Permit shall not be affected thereby.

Section D. CONFIDENTIALITY

In accordance with 40 CFR Part 2 and 40 CFR 144.5, information submitted to EPA pursuant to this Permit may be claimed as confidential by the submitter. Any such claim must be asserted at the time of submission by stamping the words "confidential business information" on each page containing such information. If no claim is made at the time of submission, EPA may make the information available to the public without further notice. If a claim is asserted, the validity of the claim will be assessed in accordance with the procedures in 40 CFR Part 2 (Public Information). Claims of confidentiality for the following information will be denied:

- The name and address of the Permittee, and
- information which deals with the existence, absence or level of contaminants in drinking water.

Section E. GENERAL PERMIT REQUIREMENTS

1. Duty to Comply.

The Permittee must comply with all conditions of this Permit. Any noncompliance constitutes a violation of the Safe Drinking Water Act (SDWA) and is grounds for enforcement action; for Permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application; except that the Permittee need not comply with the provisions of this Permit to the extent and for the duration such noncompliance is authorized in an emergency permit under 40 CFR 144.34. All violations of the SDWA may subject the Permittee to penalties and/or criminal prosecution as specified in Section 1423 of the SDWA.

2. Duty to Reapply.

If the Permittee wishes to continue an activity regulated by this Permit after the expiration date of this Permit, under 40 CFR 144.37 the Permittee must apply for a new permit prior to the expiration date.

3. Need to Halt or Reduce Activity Not a Defense.

It shall not be a defense for a Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this Permit.

4. Duty to Mitigate.

The Permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this Permit.

5. Proper Operation and Maintenance.

The Permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the Permittee to achieve compliance with the conditions of this Permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this Permit.

6. Permit Actions.

This Permit may be modified, revoked and reissued or teminated for cause. The filing of a request by the Permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

7. Property Rights.

This Permit does not convey any property rights of any sort, or any exclusive privilege.

8. Duty to Provide Information.

The Permittee shall furnish to the Director, within a time specified, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The Permittee shall also furnish to the Director, upon request, copies of records required to be kept by this Permit. The Permittee is required to submit any information required by this Permit or by the Director to the mailing address designated in writing by the Director.

9. Inspection and Entry.

The Permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

(a) Enter upon the Permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this Permit;

(b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Permit;

(c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Permit; and,

(d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by the SDWA, any substances or parameters at any location.

10. Signatory Requirements.

All applications, reports or other information submitted to the Director shall be signed and certified according to 40 CFR 144.32. This section explains the requirements for persons duly authorized to sign documents, and provides wording for required certification.

11. Reporting Requirements.

(a) Planned changes. The Permittee shall give notice to the Director as soon as possible of any planned changes, physical alterations or additions to the permitted facility, and prior to commencing such changes.

(b) Anticipated noncompliance. The Permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

(c) Monitoring Reports. Monitoring results shall be reported at the intervals specified in this Permit.

(d) Compliance schedules. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than 30 days following each schedule date.

(e) Twenty-four hour reporting. The Permittee shall report to the Director any noncompliance which may endanger human health or the environment, including:

(i) Any monitoring or other information which indicates that any contaminant may cause endangerment to a USDW; or

(ii) Any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between USDWs.

Information shall be provided, either directly or by leaving a message, within twenty-four (24) hours from the time the permittee becomes aware of the circumstances by telephoning (800) 227-8917 and requesting EPA Region VIII UIC Program Compliance and Technical Enforcement Director, or by contacting the EPA Region VIII Emergency Operations Center at (303) 293-1788.

In addition, a follow up written report shall be provided to the Director within five (5) days of the time the Permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause, the period of noncompliance including exact dates and times, and if the noncompliance has not been corrected the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

(f) Oil Spill and Chemical Release Reporting: The Permittee shall comply with all reporting requirements related to the occurence of oil spills and chemical releases by contacting the National Response Center (NRC) at (800) 424-8802, (202) 267-2675, or through the NRC website http://www.nrc.uscg.mil/index.htm.

(g) Other Noncompliance. The Permittee shall report all instances of noncompliance not reported under paragraphs Part III, Section E Paragraph 11(b) or Section E, Paragraph 11(e) at the time the monitoring reports are submitted. The reports shall contain the information listed in Paragraph 11(e) of this Section.

(h) Other information. Where the Permittee becomes aware that it failed to submit any relevant facts in the permit application, or submitted incorrect information in a permit application or in any report to the Director, the Permittee shall promptly submit such facts or information to the Director.

Section F. FINANCIAL RESPONSIBILITY

1. Method of Providing Financial Responsibility.

The Permittee shall maintain continuous compliance with the requirement to maintain financial responsibility and resources to close, plug, and abandon the underground injection well(s). No substitution of a demonstration of financial responsibility shall become effective until the Permittee receives written notification from the Director that the alternative demonstration of financial responsibility is acceptable. The Director may, on a periodic basis, require the holder of a permit to revise the estimate of the resources needed to plug and abandon the well to reflect changes in such costs and may require the Permittee to provide a revised demonstration of financial responsibility.

2. Insolvency.

In the event of:

(a) the bankruptcy of the trustee or issuing institution of the financial mechanism; or

(b) suspension or revocation of the authority of the trustee institution to act as trustee; or

(c) the institution issuing the financial mechanism losing its authority to issue such an instrument

the Permittee must notify the Director in writing, within ten (10) business days, and the Permittee must establish other financial assurance or liability coverage acceptable to the Director within sixty (60) days after any event specified in (a), (b), or (c) above.

The Permittee must also notify the Director by certified mail of the commencement of voluntary or involuntary proceedings under Title 11 (Bankruptcy), U.S. Code naming the owner or operator as debtor, within ten (10) business days after the commencement of the proceeding. A guarantor, if named as debtor of a corporate guarantee, must make such a notification as required under the terms of the guarantee.

APPENDIX A

WELL CONSTRUCTION REQUIREMENTS

The Federal No. 5-11-9-17 was drilled to a total depth of 5810 feet (KB) feet in the Basal Carbonate Member of the Green River Formation.

Surface casing (8-5/8 inch) was set at a depth of 310 feet in a 12-1/4 inch hole using 150 sacks of Class "G" cement which was circulated to the surface.

Production casing (5-1/2 inch) was set at a depth of 5795 feet (KB) in a 7-7/8 inch hole with 300 sacks of Premium Lite II and 375 sacks of 50/50 poz mix. This well construction is considered adequate to protect USDWs.

The EPA calculates the top of cement as 1435 feet from the surface. The Cement Bond Log (CBL) identifies top of cement at 130 feet. CBL analysis does identify adequate 80% bond index cement bond within the Confining Zone.

The schematic diagram shows enhanced recovery injection perforations in the Garden Gulch and Douglas Creek Members of the Green River Formation. Additional perforations may be added at a later time between the depths of 3534 feet and the top of the Wasatch Formation (Estimated to be 5849 feet) provided the operator first notifies the Director and later submits an updated well completion report (EPA Form 7520-12) and schematic diagram.

The packer will be set no higher than 100 feet above the top perforation.

UT21054-07128

Federal #5-11-9-17

S l Date: 8/25/04

P on Production: 10/04/04

G 5076' KB: 5088'

Proposed Injection
Wellhore Diagram

Initial Production: BOPD,
MCFD, BWPD

SU FACE CASING

CS SIZE: 8 5/8"

GR DE: J-55 Rubic 92=Base USDW <75'

WT HT: 24#

LE TH: 7 jts. (301.69') TOC/CBL 130'

DE H LANDED: 309.69' KB

HO SIZE: 12 1/4"

CE ENT DATA: 150sxs Class "G" mixed cmt, est 5 bbls cmt to surf.

Green River 1226'

310'

PR DUCTION CASING EPA/TOC 1435'

CS SIZE: 5 1/2"

GR DE: J-55 Trona 2706'

WT HT: 15.5# Mahogany Bench 2760-2770'

LE TH: 138 jts. (5797.78')

DE TH LANDED: 5795.78' KB

HO E SIZE: 7 7/8"

CE ENT DATA: 300 sxs Prem. Lite II mixed & 375 sxs 50/50 POZ mix.

CE ENT TOP AT: 40'

80%bond 3488'-3640'

TU ING

SI GRADE/WT.: 2 7/8" / J-55 / 6.5#

NO OF JOINTS: 163 jts (5310.79')

TU NG ANCHOR: 5322.79' KB

NO OF JOINTS: 3 jts (98.25')

SE ING NIPPLE: 2 7/8" (1.10')

SN ANDED AT: 5423.79' KB

NO OF JOINTS: 2 jts (65.13')

TO L STRING LENGTH: EOT @ 5490.47' w/ 12' KB

3466'-3534' Confining Zone
3534' Garden Gulch Mem.

Packer @ 3966'

4001'-4006'
4016'-4022'
4028'-4036'

Douglas Creek Mem 4494'

4673'-4696'

4978'-4983'
4987'-4991'

Castle Peak Marker 5309'-5321'

5360'-5380'
5422'-5432'

5724' Basal Carbonate

Top of Fill & PBTD @ 5755'

SHOE @ 5796'
TD @ 5810'

Est. Wasatch 5849'

FRAC JOB

9/28/04 5360'-5432' **Frac CP1 & 2 sands as follows:**
84,815# 's 20/40 sand in 636 bbls Lig ing
Frac 17 fluid. Treated @ avg press o 90 psi
w/avg rate of 24.8 BPM. ISIP 1425 e
flush 5358 gal. Actual flush: 5368

9/28/04 4978'-4991' **Frac A1 sands as follows:**
14,525# 20/40 sand in 217 bbls Ligh ig
Frac 17 fluid. Treated @ avg press o 45 psi
w/avg rate of 24.8 BPM. ISIP 1750 p Calc
flush: 4976 gal. Actual flush: 4977 g

9/28/04 4673'-4696' **Frac C sands as follows:**
79,746# 20/40 sand in 586 bbls Ligh ig
Frac 17 fluid. Treated @ avg press o 35 psi
w/avg rate of 24.8 BPM. ISIP 2000 p Calc
flush: 4671 gal. Actual flush: 4670 g

9/29/04 4001'-4036' **Frac CB4 sands as follows:**
92,446# 20/40 sand in 645 bbls light g Frac
17 fluid. Treated @ avg press of 169 si
w/avg rate of 24.7 BPM. ISIP 1850 p Calc
flush: 3990 gal. Actual flush: 3931 g

PERFORATION RECORD

9/21/04	5422'-5432'	4 JSPF	40 h	s
9/21/04	5360'-5380'	4 JSPF	80 h	s
9/28/04	4987'-4991'	4 JSPF	16 h	s
9/28/04	4978'-4983'	4 JSPF	20 h	s
9/28/04	4673'-4696'	4 JSPF	92 h	s
9/28/04	4028'-4036'	4 JSPF	32 h	s
9/28/04	4016'-4022'	4 JSPF	24 h	s
9/28/04	4001'-4006'	4 JSPF	20 h	s

NEWFIELD

Federal 5-11-9-17
2000' FNL & 656' FWL
SW/NW Section 11-T9S-R17E
Duchesne Co, Utah
API: 43-013-32486; Lease #: UTU-79013

APPENDIX B

LOGGING AND TESTING REQUIREMENTS

Logs.
Logs will be conducted according to current UIC guidance. It is the responsibility of the Permittee to obtain and use guidance prior to conducting any well logging required as a condition of this permit.

NO LOGGING REQUIREMENTS

Tests.
Tests will be conducted according to current UIC guidance. It is the responsibility of the Permittee to obtain and use guidance prior to conducting any well test required as a condition of this permit.

WELL NAME: Federal 5-11-9-17

TYPE OF TEST	DATE DUE
Standard Annulus Pressure	Prior to receiving authorization to inject and at least once within a five (5) year period after the last successful test.
Pore Pressure	Prior to receiving authorization to inject.

APPENDIX C

OPERATING REQUIREMENTS

MAXIMUM ALLOWABLE INJECTION PRESSURE:

Maximum Allowable Injection Pressure (MAIP) as measured at the surface shall not exceed the pressure(s) listed below.

	MAXIMUM ALLOWED INJECTION PRESSURE (psi)
WELL NAME	ZONE 1 (Upper)
Federal 5-11-9-17	1,040

INJECTION INTERVAL(S):

Injection is permitted only within the approved injection interval listed below. Injection perforations may be altered provided they remain within the approved injection interval and the Permittee provides notice to the Director in accordance with Part II, Section A, Paragraph 6. Specific injection perforations can be found in Appendix A.

WELL NAME: Federal 5-11-9-17

	APPROVED INJECTION INTERVAL (KB, ft)		FRACTURE GRADIENT
FORMATION NAME	TOP	BOTTOM	(psi/ft)
Green River Formation	3,534.00	5,849.00	0.700

ANNULUS PRESSURE:

The annulus pressure shall be maintained at zero (0) psi as measured at the wellhead. If this pressure cannot be maintained, the Permittee shall follow the procedures listed under Part II, Section C. 6. of this permit.

MAXIMUM INJECTION VOLUME:

There is no limitation on the number of barrels per day (bbls/day) of water that shall be injected into this well, provided further that in no case shall injection pressure exceed that limit shown in Appendix C.

APPENDIX D

MONITORING AND REPORTING PARAMETERS

This is a listing of the parameters required to be observed, recorded, and reported. Refer to the permit Part II, Section D, for detailed requirements for observing, recording, and reporting these parameters.

OBSERVE MONTHLY AND RECORD AT LEAST ONCE EVERY THIRTY DAYS	
OBSERVE AND RECORD	Injection pressure (psig)
	Annulus pressure(s) (psig)
	Injection rate (bbl/day)
	Fluid volume injected since the well began injecting (bbls)

ANNUALLY	
ANALYZE	Injected fluid total dissolved solids (mg/l)
	Injected fluid specific gravity
	Injected fluid specific conductivity
	Injected fluid pH

ANNUALLY	
REPORT	Each month's maximum and averaged injection pressures (psig)
	Each month's maximum and minimum annulus pressure(s) (psig)
	Each month's injected volume (bbl)
	Fluid volume injected since the well began injecting (bbl)
	Written results of annual injected fluid analysis
	Sources of all fluids injected during the year

Records of all monitoring activities must be retained and made available for inspection at the following location:

Newfield Production Company
1401 Seventeenth Street - Suite 1000
Denver, CO 80202

APPENDIX E

PLUGGING AND ABANDONMENT REQUIREMENTS

See diagram.

The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluid into or between USDWs and in accordance with other applicable Federal, State or local law or regulation. Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs. However, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. Within sixty (60) days after plugging, the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

PLUG NO. 1: Seal Injection Zone: Set a cast iron bridge plug (CIBP) no more than fifty (50) feet above the top injection perforation. Place at least twenty (20) feet of cement plug on top of the CIBP.

PLUG NO. 2: Seal Mahogany Shale and Trona intervals: Squeeze a cement plug on the backside of the 5-1/2 inch casing across the Trona Zone and the Mahogany Shale approximately 2675 feet to 2820 feet (unless pre-existing backside cement precludes cement-squeezing this interval) followed by a minimum 145-foot balanced cement plug inside the 5-1/2 inch casing across the Trona Zone and the Mahogany Shale, approximately 2675 feet to 2820 feet.

PLUG NO. 3: Seal USDWs: Squeeze a cement plug (1175 feet - 1275 feet) on the backside of the 5-1/2 inch casing across the base of the Uinta formation (unless pre-existing backside cement precludes cement-squeezing this interval), followed by a minimum 100-foot balanced cement plug inside the 5-1/2 inch casing across the base of the Uinta Formation, approximately 1175 feet to 1275 feet.

PLUG NO.4: Seal Surface: Set a Class "G" cement plug within the 5-1/2 inch casing to 360 feet and up the 5-1/2 inch by 8-5/8 inch casings annulus to the surface.

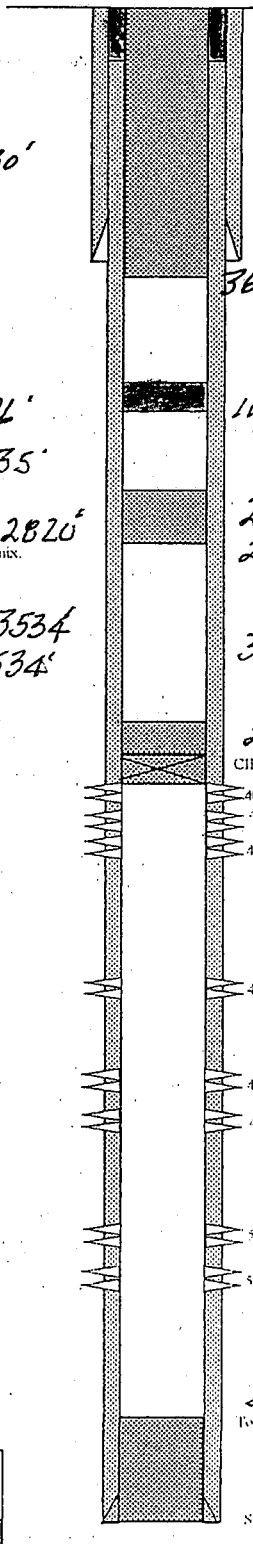
Attachment Q-2

Federal #5-11-9-17

Spud Date: 8/25/04
Put on Production: 10/04/04
GL: 5076' KB: 5088'

Proposed P & A
Wellbore Diagram

Initial Production: BOPD
MCFD, BWPD



SURFACE CASING
CSG SIZE: 8 5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (301.69')
DEPTH LANDED: 309.69' KB
HOLE SIZE: 12 1/4"
CEMENT DATA: 150sxs Class "G" mixed cmt, est 3 bbls cmt to surf.

TOC/CBL 130'

PRODUCTION CASING
CSG SIZE: 5 1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts. (5795.78') TOC/EPA 1435'
DEPTH LANDED: 5795.78' KB
HOLE SIZE: 7 7/8" Cement Plug 2675'-2820'
CEMENT DATA: 300 sxs Prem. Lite II mixed & 375 sxs 50/50 POZ mix.
CEMENT TOP AT: 40'

Green River 1224'

Confining Zone 3466'-3534'
Garden Gulch Mem 3534'

Ft. Wasatch 5849'

NEWFIELD

Federal 5-11-9-17
2000' FNL & 656' FWL
SW NW Section 11-T9S-R17E
Duchesne Co, Utah
API: 43-013-32486 Lease: UTU-76013

APPENDIX F

CORRECTIVE ACTION REQUIREMENTS

No corrective action required.

STATEMENT OF BASIS

NEWFIELD PRODUCTION COMPANY
FEDERAL 5-11-9-17
DUCHESNE COUNTY, UT

EPA PERMIT NO. UT21054-07128

CONTACT: Emmett Schmitz
U. S. Environmental Protection Agency
Ground Water Program, 8P-W-GW
1595 Wynkoop Street
Denver, Colorado 80202-1129
Telephone: 1-800-227-8917 ext. 312-6174

This STATEMENT OF BASIS gives the derivation of site-specific UIC Permit conditions and reasons for them. Referenced sections and conditions correspond to sections and conditions in the Permit.

EPA UIC permits regulate the injection of fluids into underground injection wells so that the injection does not endanger underground sources of drinking water. EPA UIC permit conditions are based upon the authorities set forth in regulatory provisions at 40 CFR Parts 144 and 146, and address potential impacts to underground sources of drinking water. Under 40 CFR 144.35 Issuance of this permit does not convey any property rights of any sort or any exclusive privilege, nor authorize injury to persons or property of invasion of other private rights, or any infringement of other Federal, State or local laws or regulations. Under 40 CFR 144 Subpart D, certain conditions apply to all UIC Permits and may be incorporated either expressly or by reference. General Permit conditions for which the content is mandatory and not subject to site-specific differences (40 CFR Parts 144, 146 and 147) are not discussed in this document.

Upon the Effective Date when issued, the Permit authorizes the construction and operation of injection wells so that the injection does not endanger underground sources of drinking water, governed by the conditions specified in the Permit. The Permit is issued for the operating life of the injection well or project unless terminated for reasonable cause under 40 CFR 144.39, 144.40 and 144.41. The Permit is subject to EPA review at least once every five (5) years to determine if action is required under 40 CFR 144.36(a).

PART I. General Information and Description of Facility

Newfield Production Company
1401 Seventeenth Street, Suite 1000
Denver, CO 80202

on

February 21, 2006

submitted an application for an Underground Injection Control (UIC) Program Permit or Permit Modification for the following injection well or wells:

Federal 5-11-9-17
2000' FNL & 656' FWL, SWNW S11, T9S, R17E
Duchesne County, UT

Regulations specific to Uintah-Ouray Indian Reservation injection wells are found at 40 CFR 147 Subpart TT.

The application, including the required information and data necessary to issue or modify a UIC Permit in accordance with 40 CFR Parts 144, 146 and 147, was reviewed and determined by EPA to be complete.

The Permit will expire upon delegation of primary enforcement responsibility (primacy) for applicable portions of the UIC Program to the Ute Indian Tribe or the State of Utah unless the delegated agency has the authority and chooses to adopt and enforce this Permit as a Tribal or State Permit.

TABLE 1.1 shows the status of the well or wells as "New", "Existing", or "Conversion" and for Existing shows the original date of injection operation. Well authorization "by rule" under 40 CFR Part 144 Subpart C expires automatically on the Effective Date of an issued UIC Permit.

The Federal No. 5-11-9-17 is currently an active Green River Formation Garden Gulch and Douglas Creek Members oil well. It is the initial intent of the applicant to use the current production perforations for Class II enhanced recovery injection. The Federal No. 5-11-9-17 has total depth in the Basal Carbonate Member.

TABLE 1.1

WELL STATUS / DATE OF OPERATION

NEW WELLS

Well Name	Well Status	Date of Operation
Federal 5-11-9-17	New	N/A

PART II. Permit Considerations (40 CFR 146.24)

Hydrogeologic Setting

Water wells for domestic supply in this area, when present, generally are completed into the shallow alluvium, the Duchesne River Formation, or the underlying Uinta Formation, and the water generally contains approximately 500 to 1,500 mg/l and higher total dissolved solids.

The Uinta-Animas aquifer in the Uinta Basin is present in water-yielding beds of sandstone, conglomerate, and siltstone of the Duchesne River and Uinta Formations, the Renegade Tongue of the Wasatch Formation, and the Douglas Creek Member of the Green River Formation. The Renegade Tongue of the Wasatch Formation and the Douglas Creek Member of the Green River Formation contain an aquifer along the southern and eastern margins of the basin where the rocks primarily consist of fluvial, massive, irregularly bedded sandstone and siltstone. Water-yielding units in the Uinta-Animas aquifer in the Uinta Basin commonly are separated from each other and from the underlying Mesaverde aquifer by units of low permeability composed of claystone, shale, marlstone, or limestone. In the Uinta Basin, for example, the part of the aquifer in the Duchesne River and Uinta Formations ranges in thickness from 0 feet at the southern margin of the aquifer to as much as 9,000 feet in the north-central part of the aquifer. Ground-water recharge to the Uinta-Animas aquifer generally occurs in the areas of higher altitude along the margins of the basin. Ground water is discharged mainly to streams, springs, and by transpiration from vegetation growing along stream valleys. The rate of ground-water withdrawal is small, and natural discharge is approximately equal to recharge. Recharge occurs near the southern margin of the aquifer, and discharge occurs near the White and Green Rivers (from USGS publication HA 730-C). Water samples from Mesaverde sands in the nearby Natural Buttes Unit yielded highly saline water.

Geologic Setting (TABLE 2.1)

The proposed enhanced oil recovery injection well is located in the Greater Monument Butte Field, T7-9S and R15-19E, which lies near the center of the broad, gently northward dipping south flank of the Uinta Basin. More than 450 million barrels of oil (63 MT) have been produced from sediments of the Uinta Basin. The Uinta Basin is a topographic and structural trough encompassing an area of more than 9300 square mi (14,900 km) in northeast Utah. The basin is sharply asymmetrical, with a steep north flank bounded by the east-west-trending Uinta Mountains, and a gently dipping south flank. The Uinta Basin was formed in Paleocene to Eocene time, creating a large area of internal drainage which was filled by the ancestral Lake Uinta. The lacustrine, or fresh water lake-formed, sediments deposited in and around Lake Uinta make up the Uintah and Green River Formations. The southern shore of Lake Uinta was very broad and flat, resulting in large cyclic shifts of the location of the shoreline during the many repeated transgressive and regressive cycles caused by the climatic and tectonic-induced rise and fall of water levels of the lake. Distributary-mouth bars, distributary channels, and near-shore bars are the primary oil producing sandstone reservoirs in the area. (Ref: "Reservoir Characterization of the Lower Green River Formation, Southwest Uinta Basin, Utah Biannual Technical Progress Report, 4/1/99-9/30/99", by C. D. Morgan, Program Manager, November 1999, Contract DE-AC26-98BC15103).

The Duchesne River Formation is absent in this area. Shale and siltstone of the Uintah Formation outcrop and compose the surface rock throughout the area. The lower 600 feet to 800 feet of the Uinta Formation, consisting generally of shale interbedded with occasionally water-bearing sandstone lenses between 5 feet to 20 feet thick, is underlain by the Green River Formation. The

Green River Formation is further subdivided into several Member and local marker units. The cyclic nature of Green River deposition in the southern shore area resulted in numerous stacked, intertonguing deltaic and near-shore sand and silt deposits. Red alluvial shale and siltstone deposits that intertongue with the Green River sediments are of the Colton and Wasatch Formations. Under the Wasatch Formation is the Mesaverde Formation, which consists primarily of continental-origin deposits of interbedded shale, sandstone, and coal.

The geologic dip is about 200 feet per mile, and there are no known surface faults in this area. Veins of gilsonite, a natural resinous hydrocarbon occasionally mined as a resource, occurs in the greater Uintah Basin though it is predominantly found on the eastern margin of the basin near the Colorado border. Vertical veins, generally between 2 ft to 6 ft wide but up to 28 ft wide, may extend many miles in length and occasionally extend as deep as 2000 ft. In this area within the Greater Monument Butte Field there is one known gilsonite vein. This vein is not considered to present a pathway for migration of fluid out of the injection zone because it terminates at depth of about 2000 ft, far above the protective confining layer and much deeper injection zone. Newfield and the owner of this former gilsonite mine have agreed to conditions for operation near this vein to ensure no potential for impact to this vein or to ground water from enhanced oil recovery operations.

TABLE 2.1
GEOLOGIC SETTING
Federal 5-11-9-17

Formation Name	Top (ft)	Base (ft)	TDS (mg/l)	Lithology
Uinta	0	75	< 10,000	Fluvial sand and shale.
Uinta	75	1,226		Interbedded lacustrine sand, shale and carbonate with fluvial sand and shale.
Green River	1,226	3,534		Interbedded lacustrine sand, shale and carbonate with fluvial sand and shale.
Green River	3,534	5,849	> 10,000	Interbedded lacustrine sand, shale and carbonate with fluvial sand and shale.

Proposed Injection Zone(s) (TABLE 2.2)

An injection zone is a geological formation, group of formations, or part of a formation that receives fluids through a well. The proposed injection zones are listed in TABLE 2.2.

Injection will occur into an injection zone that is separated from USDWs by a confining zone which is free of known open faults or fractures within the Area of Review.

The Environmental Protection Agency (EPA) approved interval for Class II enhanced recovery injection in the Federal No. 5-11-9-17 is located between the top of the Garden Gulch Member (3534 feet) and the top of the Wasatch Formation estimated to be 5849 feet.

TABLE 2.2
INJECTION ZONES
Federal 5-11-9-17

Formation Name	Top (ft)	Base (ft)	TDS (mg/l)	Fracture Gradient (psi/ft)	Porosity	Exempted?*
Green River Formation	3,534	5,849	> 10,000	0.700		N/A

*** C - Currently Exempted**
E - Previously Exempted
P - Proposed Exemption
N/A - Not Applicable

Confining Zone(s) (TABLE 2.3)

A confining zone is a geological formation, part of a formation, or a group of formations that limits fluid movement above the injection zone. The confining zone or zones are listed in TABLE 2.3.

The 68-foot (3466 feet - 3534 feet) shale and argillaceous siltstone Confining Zone directly overlies the Garden Gulch Member.

TABLE 2.3
CONFINING ZONES
Federal 5-11-9-17

Formation Name	Formation Lithology	Top (ft)	Base (ft)
Green River	Shale with some argillaceous siltstone.	3,466	3,534

Underground Sources of Drinking Water (USDWs) (TABLE 2.4)

Aquifers or the portions thereof which contain less than 10,000 mg/l total dissolved solids (TDS) and are being or could in the future be used as a source of drinking water are considered to be USDWs. The USDWs in the area of this facility are identified in TABLE 2.4.

Throughout the Greater Monument Butte Field area undergoing enhanced oil recovery operations, water analyses of the Green River Formation generally exhibit total dissolved solids (TDS) content well in excess of 10,000 mg/l. However, some recent water analyses from the field showed lower TDS values closer to 10,000 mg/l. While rain and surface water recharge into Green River Formation outcrops further south along the Book Cliffs/Roan Cliffs in effect "freshens" the Green River Formation water near those outcrops, in this area of the Monument Butte Field the observed occasional 'freshening' is ascribed to the effective dilution of the originally in-place high TDS water from injection of relatively fresh water for enhanced oil recovery operations. Water samples from deeper Mesaverde Formation sands in the nearby Natural Buttes Unit yield highly saline water.

The State of Utah "Water Wells and Springs" identifies no public water supply wells within the one-quarter (1/4) mile Area-of-Review (AOR) around the Federal No. 5-11-9-17.

Technical Publication No. 92: State of Utah, Department of Natural Resources, cites the base of Underground Sources of Drinking Water (USDW) in the Uinta Formation approximately 75 feet from the surface. However, absent definitive information relaltive to the water quality of the Uinta Formation, from the depth of 75 feet to the base of the Uinta Formation (1226 feet), the EPA will require, during plugging and abandonment, a cement plug at the base of the Uinta Formation to protect contamination of possible Uinta USDWs.

TABLE 2.4

UNDERGROUND SOURCES OF DRINKING WATER (USDW)

Federal 5-11-9-17

Formation Name	Formation Lithology	Top (ft)	Base (ft)	TDS (mg/l)
Uinta	Fluvial sand and shale.	0	75	< 10,000
Uinta	Interbedded lacustrine sand, shale and carbonate with fluvial sand and shale.	75	1,226	

PART III. Well Construction (40 CFR 146.22)

The Federal No. 5-11-9-17 was drilled to a total depth of 5810 feet (KB) feet in the Basal Carbonate Member of the Green River Formation.

Surface casing (8-5/8 inch) was set at a depth of 310 feet in a 12-1/4 inch hole using 150 sacks of Class "G" cement which was circulated to the surface.

Production casing (5-1/2 inch) was set at a depth of 5795 feet (KB) in a 7-7/8 inch hole with 300 sacks of Premium Lite II and 375 sacks of 50/50 poz mix. This well construction is considered adequate to protect USDWs.

The EPA calculates the top of cement as 1435 feet from the surface. The Cement Bond Log (CBL) identifies top of cement at 130 feet. CBL analysis does identify adequate 80% bond index cement bond within the Confining Zone.

The schematic diagram shows enhanced recovery injection perforations in the Garden Gulch and Douglas Creek Members of the Green River Formation. Additional perforations may be added at a later time between the depths of 3534 feet and the top of the Wasatch Formation (Estimated to be 5849 feet) provided the operator first notifies the Director and later submits an updated well completion report (EPA Form 7520-12) and schematic diagram.

The packer will be set no higher than 100 feet above the top perforation.

TABLE 3.1
WELL CONSTRUCTION REQUIREMENTS
Federal 5-11-9-17

Casing Type	Hole Size (in)	Casing Size (in)	Cased Interval (ft)	Cemented Interval (ft)
Production	7.88	5.50	0 - 5,810	0 - 5,810
Surface	12.25	8.63	0 - 310	0 - 310

The approved well completion plan will be incorporated into the Permit as APPENDIX A and will be binding on the Permittee. Modification of the approved plan is allowed under 40 CFR 144.52(a)(1) provided written approval is obtained from the Director prior to actual modification.

Casing and Cementing (TABLE 3.1)

The well construction plan was evaluated and determined to be in conformance with standard practices and guidelines that ensure well injection does not result in the movement of fluids into USDWs. Well construction details for this "new" injection well is shown in TABLE 3.1.

Remedial cementing may be required if the casing cement is shown to be inadequate by cement bond log or other demonstration of Part II (External) mechanical integrity.

Tubing and Packer

Injection tubing is required to be installed from a packer up to the surface inside the well casing. The packer will be set above the uppermost perforation. The tubing and packer are designed to prevent injection fluid from coming into contact with the outermost casing.

Tubing-Casing Annulus (TCA)

The TCA allows the casing, tubing and packer to be pressure-tested periodically for mechanical integrity, and will allow for detection of leaks. The TCA will be filled with fresh water treated with a corrosion inhibitor or other fluid approved by the Director.

The tubing/casing annulus must be kept closed at all times so that it can be monitored as required under conditions of the Permit.

Monitoring Devices

The permittee will be required to install and maintain wellhead equipment that allows for monitoring pressures and providing access for sampling the injected fluid. Required equipment may include but is not limited to: 1) shut-off valves located at the wellhead on the injection tubing and on the TCA; 2) a flow meter that measures the cumulative volume of injected fluid; 3) fittings or pressure gauges attached to the injection tubing and the TCA for monitoring the injection and TCA pressure; and 4) a tap on the injection line, isolated by shut-off valves, for sampling the injected fluid.

All sampling and measurement taken for monitoring must be representative of the monitored activity.

PART IV. Area of Review, Corrective Action Plan (40 CFR 144.55)

TABLE 4.1
AOR AND CORRECTIVE ACTION

Well Name	Type	Status (Abandoned Y/N)	Total Depth (ft)	TOC Depth (ft)	CAP Required (Y/N)
Federal No. 12-11-9-17	Producer	No	5,755	260	No
Federal No. 6-11-9-17	Producer	No	5,794	90	No
Federal No. 8-10-9-17	Producer	No	6,048	2,500	No
Monument Federal 11-11-9-17	Producer	No	5,700	1,730	No

TABLE 4.1 lists the wells in the Area of Review ("AOR") and shows the well type, operating status, depth, top of casing cement ("TOC") and whether a Corrective Action Plan ("CAP") is required for the well.

Area Of Review

Applicants for Class I, II (other than "existing" wells) or III injection well Permits are required to identify the location of all known wells within the injection well's Area of Review (AOR) which penetrate the injection zone, or in the case of Class II wells operating over the fracture pressure of the formation, all known wells within the area of review that penetrate formations which may be affected by increased pressure. Under 40 CFR 146.6 the AOR may be a fixed radius of not less than one quarter (1/4) mile or a calculated zone of endangering influence. For Area Permits, a fixed width of not less than one quarter (1/4) mile for the circumscribing area may be used.

Corrective Action Plan

For wells in the AOR which are improperly sealed, completed, or abandoned, the applicant shall develop a Corrective Action Plan (CAP) consisting of the steps or modifications that are necessary to prevent movement of fluid into USDWs.

The CAP will be incorporated into the Permit as APPENDIX F and become binding on the permittee.

PART V. Well Operation Requirements (40 CFR 146.23)

TABLE 5.1
INJECTION ZONE PRESSURES
Federal 5-11-9-17

Formation Name	Depth Used to Calculate MAIP (ft)	Fracture Gradient (psi/ft)	Initial MAIP (psi)
Green River Formation	4,001	0.700	1,040

The approved injection fluid is limited to Class II injection well fluids pursuant to 40 CFR § 144.6(b). For disposal wells injecting water brought to the surface in connection with natural gas storage operations, or conventional oil or natural gas production, the fluid may be commingled and the well used to inject other Class II wastes such as drilling fluids and spent well completion, treatment and stimulation fluid. Injection of non-exempt wastes, including unused fracturing fluids or acids, gas plant cooling tower cleaning wastes, service wastes, and vacuum truck and drum rinsate from trucks and drums transporting or containing non-exempt waste, is prohibited.

The proposed injectate will be a blend of culinary water from the Johnson Water District reservoir and/or water via the Green River pipeline, which will be blended with produced Green River water from wells proximate to the Federal No. 5-11-9-17.

Injection Pressure Limitation

Injection pressure, measured at the wellhead, shall not exceed a maximum calculated to assure that the pressure used during injection does not initiate new fractures or propagate existing fractures in the confining zones adjacent to the USDWs.

The applicant submitted injection fluid density and injection zone data which was used to calculate a formation fracture pressure and to determine the maximum allowable injection pressure (MAIP), as measured at the surface, for this Permit.

TABLE 5.1 lists the fracture gradient for the injection zone and the approved MAIP, determined according to the following formula:

$$FP = [fg - (0.433 * sg)] * d$$

FP = formation fracture pressure (measured at surface)
fg = fracture gradient (from submitted data or tests)
sg = specific gravity (of injected fluid)
d = depth to top of injection zone (or top perforation)

Injection Volume Limitation

Cumulative injected fluid volume limits are set to assure that injected fluids remain within the boundary of the exempted area. Cumulative injected fluid volume is limited when injection occurs into an aquifer that has been exempted from protection as a USDW.

There will be no restrictions on the cumulative volume or daily volume of authorized Class II fluid to be injected into the approved Green River Formation interval. The Permittee will not exceed the maximum authorized injection pressure of 1040 psig.

Mechanical Integrity (40 CFR 146.8)

An injection well has mechanical integrity if:

1. there is no significant leak in the casing, tubing, or packer (Part I); and
2. there is no significant fluid movement into a USDW through vertical channels adjacent to the injection well bore (Part II).

The Permit prohibits injection into a well which lacks mechanical integrity.

The Permit requires that the well demonstrate mechanical integrity prior to injection and

periodically thereafter. A demonstration of mechanical integrity includes both internal (Part I) and external (Part II). The methods and frequency for demonstrating Part I and Part II mechanical integrity are dependent upon well-specific conditions as explained below.

Well construction and site-specific conditions dictate the following requirements for Mechanical Integrity (MI) demonstrations:

PART I MI: Internal MI will be demonstrated prior to beginning injection. Since this well is constructed with a standard casing, tubing, and packer configuration, a successful mechanical integrity test (MIT) is required to take place at least once every five (5) years. A demonstration of Part I MI is also required prior to resuming injection following any workover operation that affects the casing, tubing or packer. Part I MI may be demonstrated by a standard tubing-casing annulus pressure test using the maximum permitted injection pressure or 1000 psi, which ever is less, with a ten (10) percent or less pressure loss over thirty (30) minutes.

PART VI. Monitoring, Recordkeeping and Reporting Requirements

Injection Well Monitoring Program

At least once a year the permittee must analyze a sample of the injected fluid for total dissolved solids (TDS), specific conductivity, pH, and specific gravity. This analysis shall be reported to EPA annually as part of the Annual Report to the Director. Any time a new source of injected fluid is added, a fluid analysis shall be made of the new source.

Instantaneous injection pressure, injection flow rate, cumulative fluid volume and TCA pressures must be observed on a weekly basis. A recording, at least once every thirty (30) days, must be made of the injection pressure, annulus pressure, monthly injection flow rate and cumulative fluid volume. This information is required to be reported annually as part of the Annual Report to the Director.

PART VII. Plugging and Abandonment Requirements (40 CFR 146.10)

Plugging and Abandonment Plan

Prior to abandonment, the well shall be plugged in a manner that isolates the injection zone and prevents movement of fluid into or between USDWs, and in accordance with any applicable Federal, State or local law or regulation. Tubing, packer and other downhole apparatus shall be removed. Cement with additives such as accelerators and retarders that control or enhance cement properties may be used for plugs; however, volume-extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.6 lb/gal shall be placed between all plugs. A minimum 50 ft surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520 13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. The plugging and abandonment plan is described in Appendix E of the Permit.

See diagram.

The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluid into or between USDWs and in accordance with other applicable Federal, State or local law or

regulation. Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs. However, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. Within sixty (60) days after plugging, the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

PLUG NO. 1: Seal Injection Zone: Set a cast iron bridge plug (CIBP) no more than fifty (50) feet above the top injection perforation. Place at least twenty (20) feet of cement plug on top of the CIBP.

PLUG NO. 2: Seal Mahogany Shale and Trona intervals: Squeeze a cement plug on the backside of the 5-1/2 inch casing across the Trona Zone and the Mahogany Shale approximately 2675 feet to 2820 feet (unless pre-existing backside cement precludes cement-squeezing this interval) followed by a minimum 145-foot balanced cement plug inside the 5-1/2 inch casing across the Trona Zone and the Mahogany Shale, approximately 2675 feet to 2820 feet.

PLUG NO. 3: Seal USDWs: Squeeze a cement plug (1175 feet - 1275 feet) on the backside of the 5-1/2 inch casing across the base of the Uinta formation (unless pre-existing backside cement precludes cement-squeezing this interval), followed by a minimum 100-foot balanced cement plug inside the 5-1/2 inch casing across the base of the Uinta Formation, approximately 1175 feet to 1275 feet.

PLUG NO.4: Seal Surface: Set a Class "G" cement plug within the 5-1/2 inch casing to 360 feet and up the 5-1/2 inch by 8-5/8 inch casings annulus to the surface.

PART VIII. Financial Responsibility (40 CFR 144.52)

Demonstration of Financial Responsibility

The permittee is required to maintain financial responsibility and resources to close, plug, and abandon the underground injection operation in a manner prescribed by the Director. The permittee shall show evidence of such financial responsibility to the Director by the submission of a surety bond, or other adequate assurance such as financial statements or other materials acceptable to the Director. The Regional Administrator may, on a periodic basis, require the holder of a lifetime permit to submit a revised estimate of the resources needed to plug and abandon the well to reflect inflation of such costs, and a revised demonstration of financial responsibility if necessary. Initially, the operator has chosen to demonstrate financial responsibility with:

Annual Financial Statement that was reviewed and approved by the EPA December 17, 2007.

Financial Statement, received April 22, 2005

Evidence of continuing financial responsibility is required to be submitted to the Director annually.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
http://www.epa.gov/region08

JUN 2 6 2008

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Michael Guinn
District Manager
Newfield Production Company
Route 3 - Box 3630
Myton, UT 84052

9S 17E 11

RE: **Authority to Commence Injection**
EPA UIC Permit UT21054-07128
Federal 5-11-9-17
Duchesne County, Utah
API #: 43-013-32486

Dear Mr. Guinn:

Newfield Production Company (Newfield) has satisfactorily completed Environmental Protection Agency (EPA) **Prior to Commencing Injection** requirements for Final Permit, UT210545-07128, effective April 14, 2008. The Part I (Internal) Mechanical Integrity Test (MIT), Well Rework Record (EPA Form No. 7520-12), schematic diagram, and pore pressure, were reviewed and approved by EPA on June 25, 2008.

As of the date of this letter, Newfield is authorized to commence injection into Federal 5-11-9-17 at a maximum allowable injection pressure (MAIP) of **1040 psig**. Until such time as the Permittee demonstrates through a Step Rate Test (SRT) that the Fracture Gradient (FG) is other than 0.700 psi/ft, Federal 5-11-9-17 shall be operated at a MAIP no greater than **1040 psig.**

As of this approval, responsibility for permit compliance and enforcement is transferred to Region 8 UIC Technical Enforcement Program office. Therefore, please direct all monitoring and compliance correspondence to the following address, referencing your well name and UIC Permit number on all correspondence regarding this well to:

Mr. Nathan Wiser
Technical Enforcement Program – UIC
U.S. EPA Region 8: Mail Code 8ENF-UFO
1595 Wynkoop Street
Denver, CO 80202-1129

Or, you may reach Mr. Wiser by telephone at 303-312-6211, or 1 800-227-8927, ext. 312-6211.

Please remember that it is your responsibility to be aware of and to comply with all conditions of injection well Permit UT21054-07128.

If you have questions regarding the above action, please call Emmett Schmitz at 303-312-6174 or 1-800-227-8917, ext. 312-6174.

Sincerely,

Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee, Ute Indian Tribe
Curtis Cesspooch, Chairman
Irene Cuch, Vice-Chairwoman
Ronald Groves, Councilman
Steven Cesspooch, Councilman
Phillip Chimburas, Councilman
Frances Poowegup, Councilwoman

Chester Mills, Superintendent
BIA - Uintah & Ouray Indian Agency

Shaun Chapoose, Director
Land Use Department
Ute Indian Tribe

Gil Hunt
Assistant Director
Utah Division of Oil, Gas, and Mining

Felicia Myore, Acting Director
Energy and Mineral Department

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg
Regulatory Analyst
Newfield Production Company

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-79013
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: SUNDANCE UNIT
8. WELL NAME and NUMBER: FEDERAL 5-11-9-17
9. API NUMBER: 4301332486
10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER W/I

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 2000 FNL 656 FWL COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 11, T9S, R17E STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[X] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
07/16/2008	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[ ] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[X] OTHER: - Change status, put well in injection
	[X] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 10:00 AM on 7-16-08.

UT 21054.07128

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Kathy Chapman TITLE Office Manager

SIGNATURE Kathy Chapman DATE 08/04/2008

(This space for State use only)

RECEIVED
AUG 05 2008
DIV. OF OIL, GAS & MINING

FORM 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31,2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

5. Lease Serial No.
USA UTU-79013

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
SUNDANCE UNIT

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
FEDERAL 5-11-9-17

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4301332486

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone *(include are code)*
435.646.3721

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
2000 FNL 656 FWL

SWNW Section 11 T9S R17E

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Step Rate Test
	☐ Change Plans	☐ Plug & Abandon	☐ Temporarily Abandon	
	☐ Convert to Injector	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

A step rate test was conducted on the subject well on November 13, 2008. Results from the test indicate that the fracture gradient is .704 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1055 psi.

I hereby certify that the foregoing is true and correct *(Printed/ Typed)*
Cheyenne Bateman

Title
Well Analyst Foreman

Signature

Date
11/17/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by ..... Title ..... Date .....

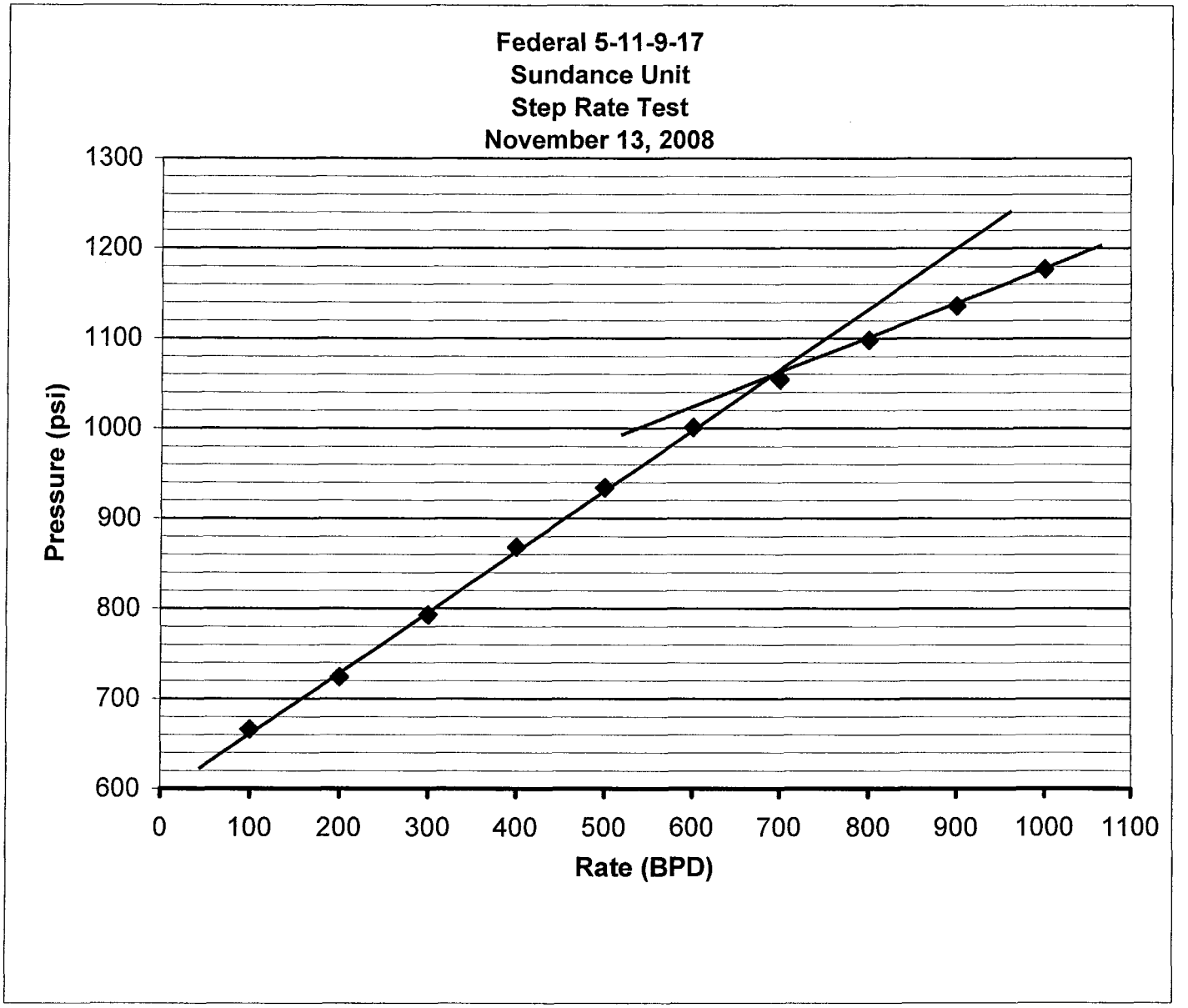
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

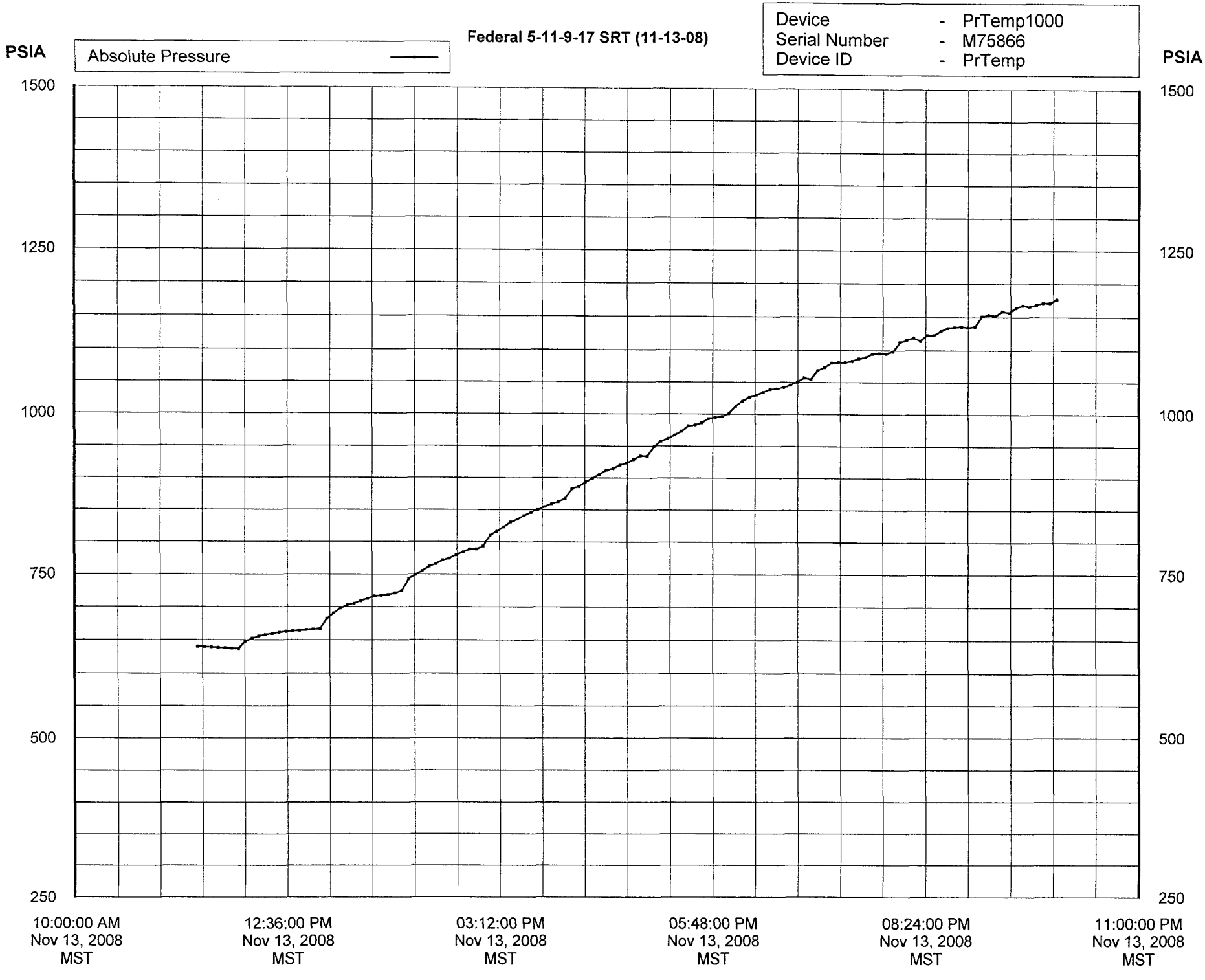
(Instructions on page 2)

RECEIVED
NOV 18 2008
DIV. OF OIL, GAS & MINING



Start Pressure:	637	psi
Instantaneous Shut In Pressure (ISIP):	1133	psi
Top Perforation:	4001	feet
Fracture pressure (Pfp):	1060	psi
FG:	0.704	psi/ft

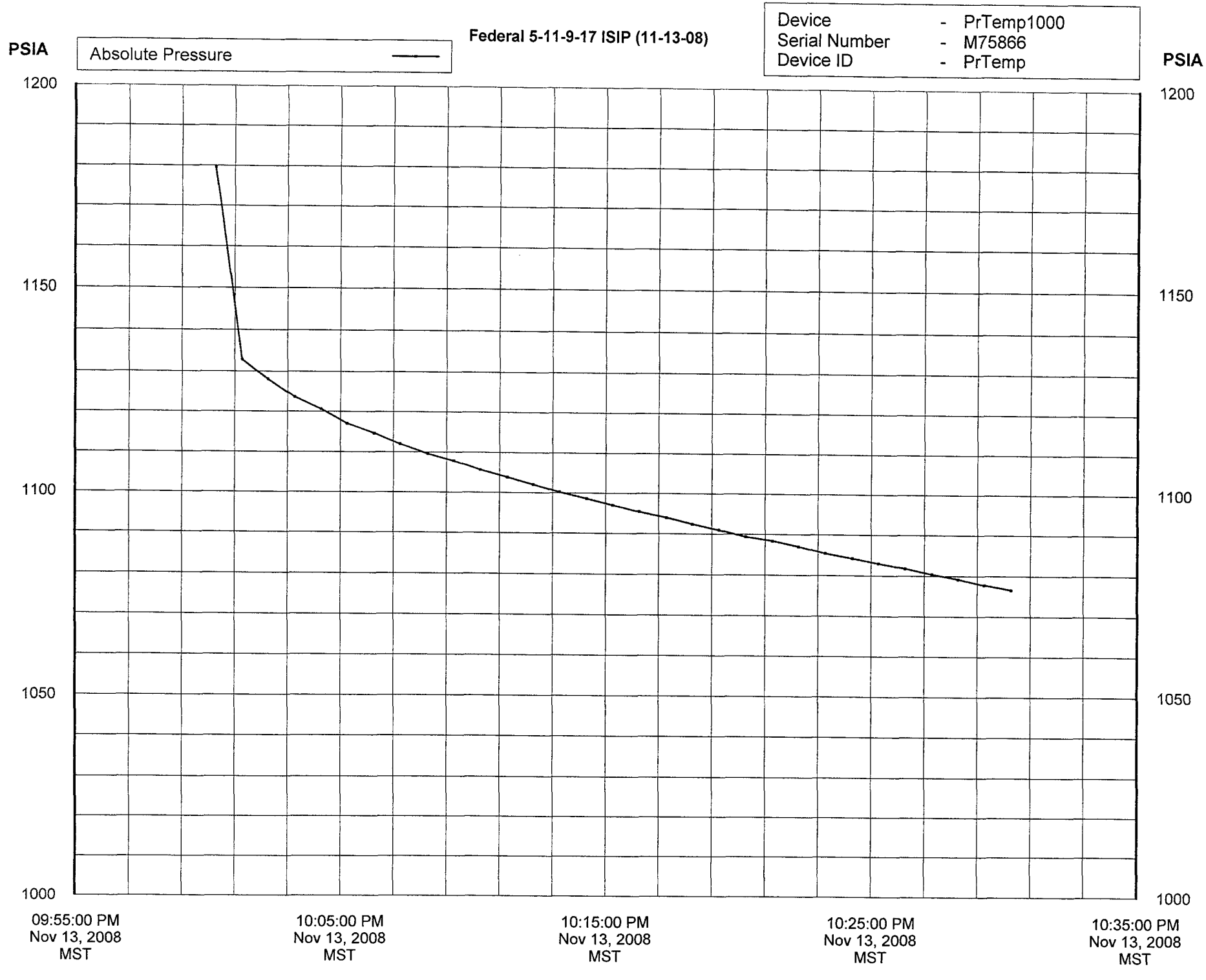
Step	Rate(bpd)	Pressure(psi)
1	100	666
2	200	724
3	300	793
4	400	868
5	500	934
6	600	1001
7	700	1054
8	800	1098
9	900	1136
10	1000	1177


Federal 5-11-9-17 SRT (11-13-08)
Absolute Pressure
Device - PrTemp1000
Serial Number - M75866
Device ID - PrTemp
PSIA
PSIA
1500
1250
1000
750
500
250
10:00:00 AM
Nov 13, 2008
MST
12:36:00 PM
Nov 13, 2008
MST
03:12:00 PM
Nov 13, 2008
MST
05:48:00 PM
Nov 13, 2008
MST
08:24:00 PM
Nov 13, 2008
MST
11:00:00 PM
Nov 13, 2008
MST

Report Name:	PrTemp1000 Data Table
Report Date:	Nov 14, 2008 07:54:13 AM MST
File Name:	C:\Program Files\PTC® Instruments 2.00\Federal 5-11-9-17 SRT (11-13-08).csv
Title:	Federal 5-11-9-17 SRT (11-13-08)
Device:	PrTemp1000 - Temperature and Pressure Recorder
Hardware Revision:	REV2C (64K)
Serial Number:	M75866
Device ID:	PrTemp
Data Start Date:	Nov 13, 2008 11:29:59 AM MST
Data End Date:	Nov 13, 2008 10:00:00 PM MST
Reading Rate:	1 Minute
Readings:	1 to 127 of 127
Last Calibration Date:	May 21, 2008
Next Calibration Date:	May 21, 2009

Reading	Date and Time (MST)	Absolute Pressure	Annotation
1	Nov 13, 2008 11:29:59 AM	639.800 PSIA	
2	Nov 13, 2008 11:34:59 AM	639.400 PSIA	
3	Nov 13, 2008 11:39:59 AM	638.800 PSIA	
4	Nov 13, 2008 11:45:00 AM	638.200 PSIA	
5	Nov 13, 2008 11:50:00 AM	637.800 PSIA	
6	Nov 13, 2008 11:54:59 AM	637.000 PSIA	
7	Nov 13, 2008 12:00:00 PM	636.600 PSIA	
8	Nov 13, 2008 12:04:59 PM	647.600 PSIA	
9	Nov 13, 2008 12:10:00 PM	652.000 PSIA	
10	Nov 13, 2008 12:14:59 PM	655.400 PSIA	
11	Nov 13, 2008 12:19:59 PM	657.600 PSIA	
12	Nov 13, 2008 12:25:00 PM	659.200 PSIA	
13	Nov 13, 2008 12:29:59 PM	661.400 PSIA	
14	Nov 13, 2008 12:35:00 PM	662.400 PSIA	
15	Nov 13, 2008 12:40:00 PM	663.200 PSIA	
16	Nov 13, 2008 12:45:00 PM	664.000 PSIA	
17	Nov 13, 2008 12:49:59 PM	665.200 PSIA	
18	Nov 13, 2008 12:55:00 PM	666.000 PSIA	
19	Nov 13, 2008 12:59:59 PM	666.400 PSIA	
20	Nov 13, 2008 01:04:59 PM	682.000 PSIA	
21	Nov 13, 2008 01:09:59 PM	690.000 PSIA	
22	Nov 13, 2008 01:14:59 PM	698.000 PSIA	
23	Nov 13, 2008 01:20:00 PM	702.800 PSIA	
24	Nov 13, 2008 01:25:00 PM	705.200 PSIA	
25	Nov 13, 2008 01:30:00 PM	709.000 PSIA	
26	Nov 13, 2008 01:34:59 PM	712.800 PSIA	
27	Nov 13, 2008 01:40:00 PM	716.200 PSIA	
28	Nov 13, 2008 01:44:59 PM	717.200 PSIA	
29	Nov 13, 2008 01:49:59 PM	718.600 PSIA	
30	Nov 13, 2008 01:54:59 PM	721.000 PSIA	
31	Nov 13, 2008 01:59:59 PM	724.400 PSIA	
32	Nov 13, 2008 02:05:00 PM	742.200 PSIA	
33	Nov 13, 2008 02:09:59 PM	749.200 PSIA	
34	Nov 13, 2008 02:15:00 PM	754.600 PSIA	
35	Nov 13, 2008 02:20:00 PM	761.800 PSIA	
36	Nov 13, 2008 02:25:00 PM	765.800 PSIA	
37	Nov 13, 2008 02:29:59 PM	771.400 PSIA	
38	Nov 13, 2008 02:34:59 PM	774.200 PSIA	
39	Nov 13, 2008 02:39:59 PM	779.600 PSIA	
40	Nov 13, 2008 02:45:00 PM	783.800 PSIA	
41	Nov 13, 2008 02:50:01 PM	788.200 PSIA	
42	Nov 13, 2008 02:54:59 PM	788.200 PSIA	
43	Nov 13, 2008 03:00:00 PM	793.000 PSIA	
44	Nov 13, 2008 03:04:59 PM	810.000 PSIA	
45	Nov 13, 2008 03:10:00 PM	816.400 PSIA	
46	Nov 13, 2008 03:15:00 PM	823.400 PSIA	
47	Nov 13, 2008 03:20:00 PM	830.600 PSIA	
48	Nov 13, 2008 03:24:59 PM	835.000 PSIA	
49	Nov 13, 2008 03:29:59 PM	841.000 PSIA	
50	Nov 13, 2008 03:35:00 PM	846.000 PSIA	
51	Nov 13, 2008 03:40:00 PM	850.200 PSIA	
52	Nov 13, 2008 03:45:00 PM	854.800 PSIA	
53	Nov 13, 2008 03:49:59 PM	859.200 PSIA	
54	Nov 13, 2008 03:55:00 PM	862.600 PSIA	
55	Nov 13, 2008 03:59:59 PM	868.000 PSIA	
56	Nov 13, 2008 04:04:59 PM	882.800 PSIA	
57	Nov 13, 2008 04:09:59 PM	886.600 PSIA	
58	Nov 13, 2008 04:14:59 PM	893.800 PSIA	
59	Nov 13, 2008 04:20:00 PM	899.200 PSIA	
60	Nov 13, 2008 04:25:00 PM	905.400 PSIA	

61	Nov 13, 2008 04:30:01 PM	912.200	PSIA
62	Nov 13, 2008 04:35:00 PM	915.000	PSIA
63	Nov 13, 2008 04:40:00 PM	920.200	PSIA
64	Nov 13, 2008 04:44:59 PM	923.600	PSIA
65	Nov 13, 2008 04:49:59 PM	928.800	PSIA
66	Nov 13, 2008 04:55:00 PM	934.400	PSIA
67	Nov 13, 2008 04:59:59 PM	933.800	PSIA
68	Nov 13, 2008 05:05:01 PM	949.400	PSIA
69	Nov 13, 2008 05:09:59 PM	957.400	PSIA
70	Nov 13, 2008 05:15:01 PM	961.800	PSIA
71	Nov 13, 2008 05:20:00 PM	967.400	PSIA
72	Nov 13, 2008 05:25:01 PM	973.000	PSIA
73	Nov 13, 2008 05:29:59 PM	981.400	PSIA
74	Nov 13, 2008 05:35:00 PM	983.000	PSIA
75	Nov 13, 2008 05:39:59 PM	986.200	PSIA
76	Nov 13, 2008 05:45:00 PM	993.200	PSIA
77	Nov 13, 2008 05:50:00 PM	994.800	PSIA
78	Nov 13, 2008 05:54:59 PM	996.000	PSIA
79	Nov 13, 2008 06:00:00 PM	1000.800	PSIA
80	Nov 13, 2008 06:04:59 PM	1012.600	PSIA
81	Nov 13, 2008 06:10:00 PM	1020.600	PSIA
82	Nov 13, 2008 06:14:59 PM	1026.200	PSIA
83	Nov 13, 2008 06:20:00 PM	1030.000	PSIA
84	Nov 13, 2008 06:24:59 PM	1034.200	PSIA
85	Nov 13, 2008 06:29:59 PM	1038.600	PSIA
86	Nov 13, 2008 06:35:00 PM	1040.000	PSIA
87	Nov 13, 2008 06:40:00 PM	1041.800	PSIA
88	Nov 13, 2008 06:45:01 PM	1045.800	PSIA
89	Nov 13, 2008 06:49:59 PM	1050.200	PSIA
90	Nov 13, 2008 06:55:00 PM	1056.400	PSIA
91	Nov 13, 2008 07:00:00 PM	1054.200	PSIA
92	Nov 13, 2008 07:05:00 PM	1068.200	PSIA
93	Nov 13, 2008 07:09:59 PM	1073.400	PSIA
94	Nov 13, 2008 07:15:00 PM	1080.600	PSIA
95	Nov 13, 2008 07:20:01 PM	1081.400	PSIA
96	Nov 13, 2008 07:25:00 PM	1081.400	PSIA
97	Nov 13, 2008 07:30:01 PM	1083.400	PSIA
98	Nov 13, 2008 07:34:59 PM	1087.400	PSIA
99	Nov 13, 2008 07:40:01 PM	1089.200	PSIA
100	Nov 13, 2008 07:44:59 PM	1094.800	PSIA
101	Nov 13, 2008 07:50:00 PM	1095.400	PSIA
102	Nov 13, 2008 07:54:59 PM	1095.200	PSIA
103	Nov 13, 2008 08:00:00 PM	1098.200	PSIA
104	Nov 13, 2008 08:05:01 PM	1112.600	PSIA
105	Nov 13, 2008 08:09:59 PM	1115.800	PSIA
106	Nov 13, 2008 08:15:01 PM	1119.000	PSIA
107	Nov 13, 2008 08:19:59 PM	1114.600	PSIA
108	Nov 13, 2008 08:25:01 PM	1123.000	PSIA
109	Nov 13, 2008 08:30:00 PM	1122.800	PSIA
110	Nov 13, 2008 08:34:59 PM	1129.000	PSIA
111	Nov 13, 2008 08:40:00 PM	1133.800	PSIA
112	Nov 13, 2008 08:44:59 PM	1134.800	PSIA
113	Nov 13, 2008 08:50:01 PM	1136.000	PSIA
114	Nov 13, 2008 08:55:00 PM	1134.600	PSIA
115	Nov 13, 2008 09:00:01 PM	1136.000	PSIA
116	Nov 13, 2008 09:05:00 PM	1151.200	PSIA
117	Nov 13, 2008 09:10:00 PM	1153.400	PSIA
118	Nov 13, 2008 09:15:00 PM	1152.000	PSIA
119	Nov 13, 2008 09:19:59 PM	1158.800	PSIA
120	Nov 13, 2008 09:25:00 PM	1156.800	PSIA
121	Nov 13, 2008 09:30:00 PM	1164.200	PSIA
122	Nov 13, 2008 09:35:01 PM	1168.200	PSIA
123	Nov 13, 2008 09:39:59 PM	1166.000	PSIA
124	Nov 13, 2008 09:45:01 PM	1168.800	PSIA
125	Nov 13, 2008 09:50:00 PM	1171.800	PSIA
126	Nov 13, 2008 09:55:01 PM	1171.600	PSIA
127	Nov 13, 2008 10:00:00 PM	1176.800	PSIA


Federal 5-11-9-17 ISIP (11-13-08)
Absolute Pressure
Device - PrTemp1000
Serial Number - M75866
Device ID - PrTemp
PSIA
PSIA
1200
1150
1100
1050
1000
09:55:00 PM Nov 13, 2008 MST
10:05:00 PM Nov 13, 2008 MST
10:15:00 PM Nov 13, 2008 MST
10:25:00 PM Nov 13, 2008 MST
10:35:00 PM Nov 13, 2008 MST

Report Name:	PrTemp1000 Data Table
Report Date:	Nov 14, 2008 07:54:01 AM MST
File Name:	C:\Program Files\PTC® Instruments 2.00\Federal 5-11-9-17 ISIP (11-13-08).csv
Title:	Federal 5-11-9-17 ISIP (11-13-08)
Device:	PrTemp1000 - Temperature and Pressure Recorder
Hardware Revision:	REV2C (64K)
Serial Number:	M75866
Device ID:	PrTemp
Data Start Date:	Nov 13, 2008 10:00:16 PM MST
Data End Date:	Nov 13, 2008 10:30:16 PM MST
Reading Rate:	1 Minute
Readings:	1 to 31 of 31
Last Calibration Date:	May 21, 2008
Next Calibration Date:	May 21, 2009

Reading	Date and Time (MST)	Absolute Pressure	Annotation
1	Nov 13, 2008 10:00:16 PM	1179.600 PSIA	
2	Nov 13, 2008 10:01:17 PM	1132.800 PSIA	
3	Nov 13, 2008 10:02:15 PM	1128.000 PSIA	
4	Nov 13, 2008 10:03:16 PM	1123.600 PSIA	
5	Nov 13, 2008 10:04:16 PM	1120.600 PSIA	
6	Nov 13, 2008 10:05:15 PM	1117.000 PSIA	
7	Nov 13, 2008 10:06:16 PM	1114.600 PSIA	
8	Nov 13, 2008 10:07:15 PM	1112.000 PSIA	
9	Nov 13, 2008 10:08:17 PM	1109.600 PSIA	
10	Nov 13, 2008 10:09:16 PM	1107.800 PSIA	
11	Nov 13, 2008 10:10:16 PM	1105.600 PSIA	
12	Nov 13, 2008 10:11:17 PM	1103.800 PSIA	
13	Nov 13, 2008 10:12:16 PM	1102.000 PSIA	
14	Nov 13, 2008 10:13:15 PM	1100.200 PSIA	
15	Nov 13, 2008 10:14:17 PM	1098.600 PSIA	
16	Nov 13, 2008 10:15:16 PM	1097.000 PSIA	
17	Nov 13, 2008 10:16:16 PM	1095.400 PSIA	
18	Nov 13, 2008 10:17:17 PM	1094.000 PSIA	
19	Nov 13, 2008 10:18:16 PM	1092.400 PSIA	
20	Nov 13, 2008 10:19:16 PM	1091.000 PSIA	
21	Nov 13, 2008 10:20:16 PM	1089.400 PSIA	
22	Nov 13, 2008 10:21:16 PM	1088.400 PSIA	
23	Nov 13, 2008 10:22:15 PM	1087.000 PSIA	
24	Nov 13, 2008 10:23:16 PM	1085.400 PSIA	
25	Nov 13, 2008 10:24:17 PM	1084.200 PSIA	
26	Nov 13, 2008 10:25:16 PM	1083.000 PSIA	
27	Nov 13, 2008 10:26:16 PM	1081.800 PSIA	
28	Nov 13, 2008 10:27:17 PM	1080.400 PSIA	
29	Nov 13, 2008 10:28:16 PM	1079.200 PSIA	
30	Nov 13, 2008 10:29:15 PM	1077.800 PSIA	
31	Nov 13, 2008 10:30:16 PM	1076.600 PSIA	

Federal 5-11-9-17 Rate Sheet (11-13-08)

Step # 1	Time:	12:05	12:10	12:15	12:20	12:25	12:30
	Rate:	100.4	100.4	100.4	100.3	100.2	100.2
	Time:	12:35	12:40	12:45	12:50	12:55	1:00
	Rate:	100.2	100.1	100.1	100	100	100
Step # 2	Time:	1:05	1:10	1:15	1:20	1:25	1:30
	Rate:	200.3	200.3	200.3	200.3	200.4	200.2
	Time:	1:35	1:40	1:45	1:50	1:55	2:00
	Rate:	200.2	200.3	200.2	200.1	200.1	200.1
Step # 3	Time:	2:05	2:10	2:15	2:20	2:25	2:30
	Rate:	300.6	300.5	300.5	300.6	300.5	300.5
	Time:	2:35	2:40	2:45	2:50	2:55	3:00
	Rate:	300.4	300.4	300.4	300.4	300.3	300.3
Step # 4	Time:	3:05	3:10	3:15	3:20	3:25	3:30
	Rate:	400.5	400.5	400.5	400.5	400.4	400.4
	Time:	3:35	3:40	3:45	3:50	3:55	4:00
	Rate:	400.4	400.3	400.3	400.3	400.3	400.2
Step # 5	Time:	4:05	4:10	4:15	4:20	4:25	4:30
	Rate:	500.4	500.5	500.4	500.4	500.4	500.4
	Time:	4:35	4:40	4:45	4:50	4:55	5:00
	Rate:	500.3	500.3	500.2	500.2	500.2	500.2
Step # 6	Time:	5:05	5:10	5:15	5:20	5:25	5:30
	Rate:	600.5	600.4	600.4	600.4	600.4	600.3
	Time:	5:35	5:40	5:45	5:50	5:55	6:00
	Rate:	600.2	600.2	600.2	600.1	600.1	600
Step # 7	Time:	6:05	6:10	6:15	6:20	6:25	6:30
	Rate:	700.6	700.6	700.6	700.6	700.4	700.4
	Time:	6:35	6:40	6:45	6:50	6:55	7:00
	Rate:	700.3	700.3	700.3	700.3	700.3	700.3
Step # 8	Time:	7:05	7:10	7:15	7:20	7:25	7:30
	Rate:	800.4	800.4	800.4	800.3	800.3	800.2
	Time:	7:35	7:40	7:45	7:50	7:55	8:00
	Rate:	800.2	800.2	800.2	800	800	800

Step # 9

Time:	8:05	8:10	8:15	8:20	8:25	8:30
Rate:	16:48	900.7	900.6	900.6	900.5	900.4

Time:	8:35	8:40	8:45	8:50	8:55	9:00
Rate:	900.3	900.3	900.3	900.2	900.2	900.2

Step # 10

Time:	9:05	9:10	9:15	9:20	9:25	9:30
Rate:	1000.5	1000.4	1000.4	1000.4	1000.4	1000.3

Time:	9:35	9:40	9:45	9:50	9:55	10:00
Rate:	1000.3	1000.3	1000.2	1000.0	1000.0	1000.0

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:	USA UTU-79013
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME:	GMBU
1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER	8. WELL NAME and NUMBER: FEDERAL 5-11-9-17
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 4301332486
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721	10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 2000 FNL 656 FWL	COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 11, T9S, R17E	STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARILY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
01/18/2011	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[X] OTHER: - Step Rate Test
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on January 18, 2011. Results from the test indicate that the fracture gradient is 0.758 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1030 psi to 1270 psi.

EPA: UT21054-07128 API: 43-013-32486

Accepted by the Utah Division of Oil, Gas and Mining

FOR RECORD ONLY

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant

SIGNATURE [signature] DATE 01/20/2011

(This space for State use only)

RECEIVED
JAN 25 2011
DIV. OF OIL, GAS & MINING

Step Rate Test (SRT) Analysis

Date: 01/20/2011

Operator: **Newfield Production Company**

Well: **Federal 5-11-9-17**

Permit #: **UT21054-07128**

Enter the following data :

Specific Gravity (sg) of injectate =	**1.015**	*g/cc*	
Depth to top perforation (D) =	**4001**	*feet*	4001
Top of permitted injection zone depth (blank=use top perforation to calculate fg) =		*feet*	
Estimated Formation Parting Pressure (Pfp) from SRT chart =	**1275**	*psi*	
Instantaneous Shut In Pressure (ISIP) from SRT =	**1347**	*psi*	1275
Bottom Hole Parting Pressure (Pbhp) from downhole pressure recorder =		*psi*	no downhole

Part One - Calculation of Fracture Gradient (fg)

Calculated Fracture Gradient = **0.758** *psi/ft.*

where: fg = Pbhp / D (Note: this formula uses the downhole recorded bottom hole parting pressure if available) = 1347

D = depth used = 4001 *Pbhp used = 3033*

Calculated Bottom Hole Parting Pressure (Pbhp) = **3033** *psi* 3033.419

*to calculate Bottom Hole Parting Pressure (Pbhp) = Formation Fracture Pressure (ISIP or Pfp) + (0.433 * SG * D)*

(Uses lesser of ISIP or Pfp) Value used = 1275

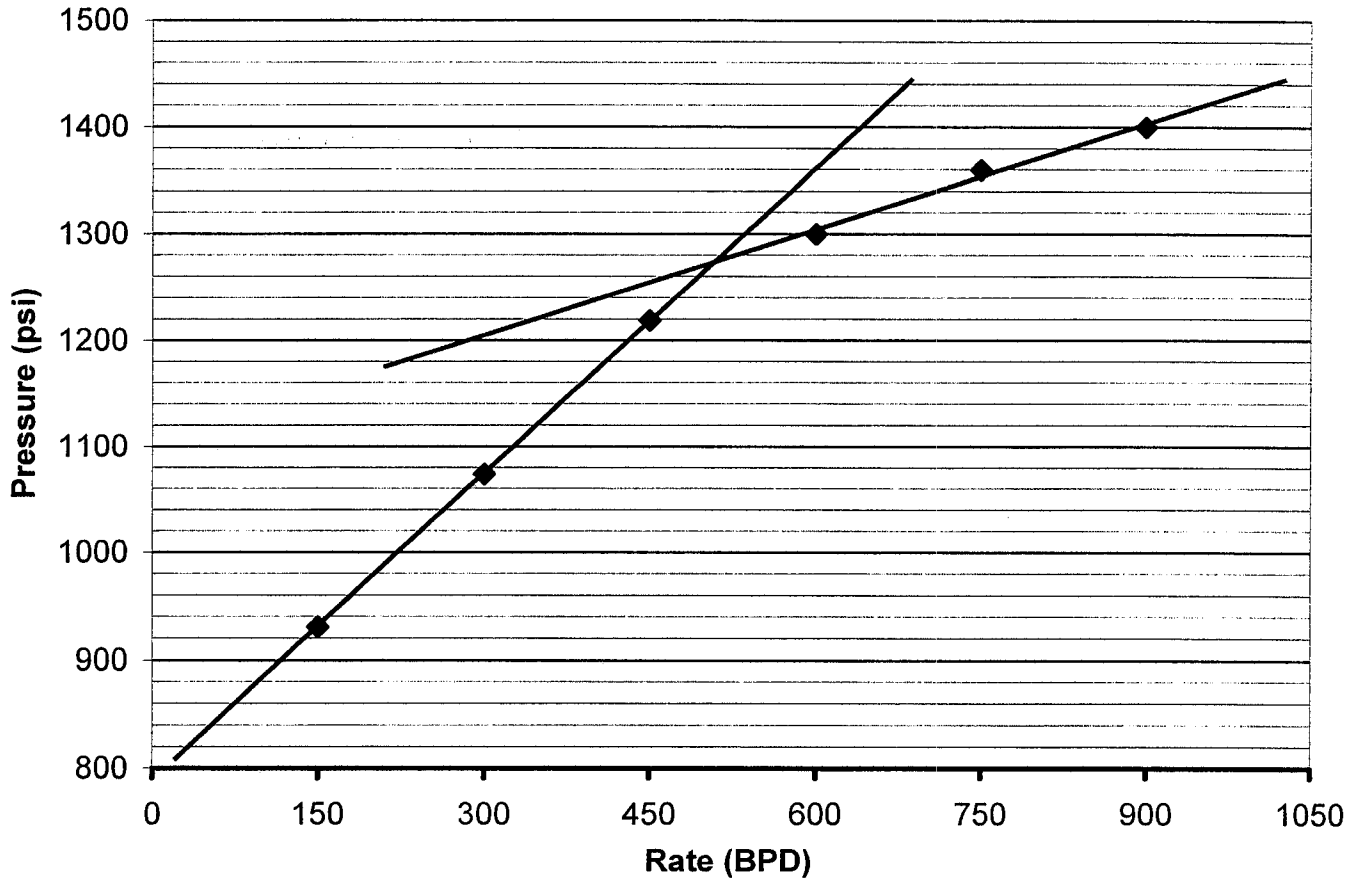
Part Two - Calculation of Maximum Allowable Injection Pressure (MAIP)

Maximum Allowable Injection Pressure (MAIP) = **1270** *psig*

(rounded down to nearest 5 psig)

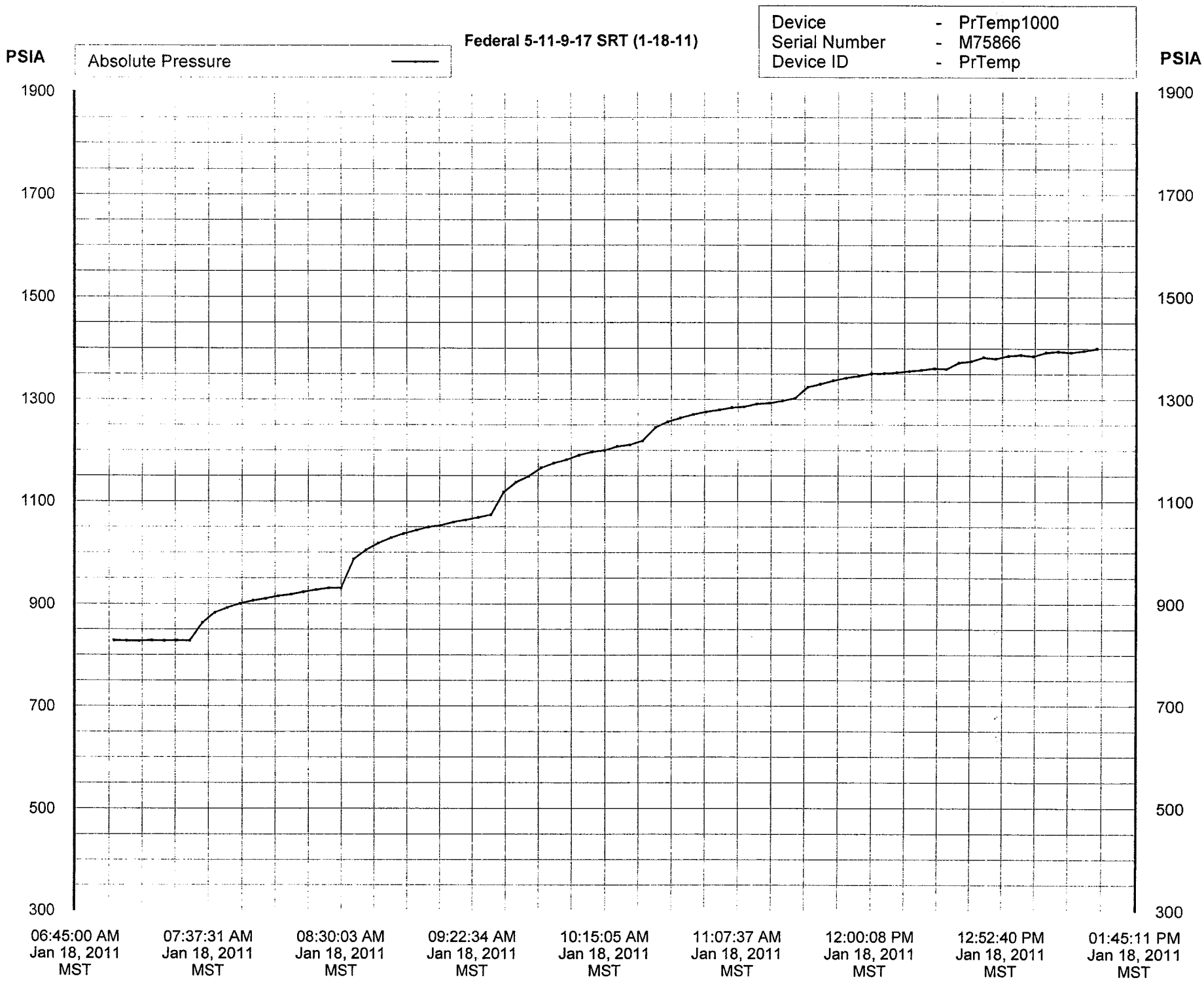
D = depth used = 4001 *MAIP = fg - (0.433 * SG)* * D = 1274.339*

Federal 5-11-9-17
Greater Monument Butte Unit
Step Rate Test
January 18, 2010



Start Pressure:	828	psi
Instantaneous Shut In Pressure (ISIP):	1347	psi
Top Perforation:	4001	feet
Fracture pressure (Pfp):	1275	psi
FG:	0.758	psi/ft

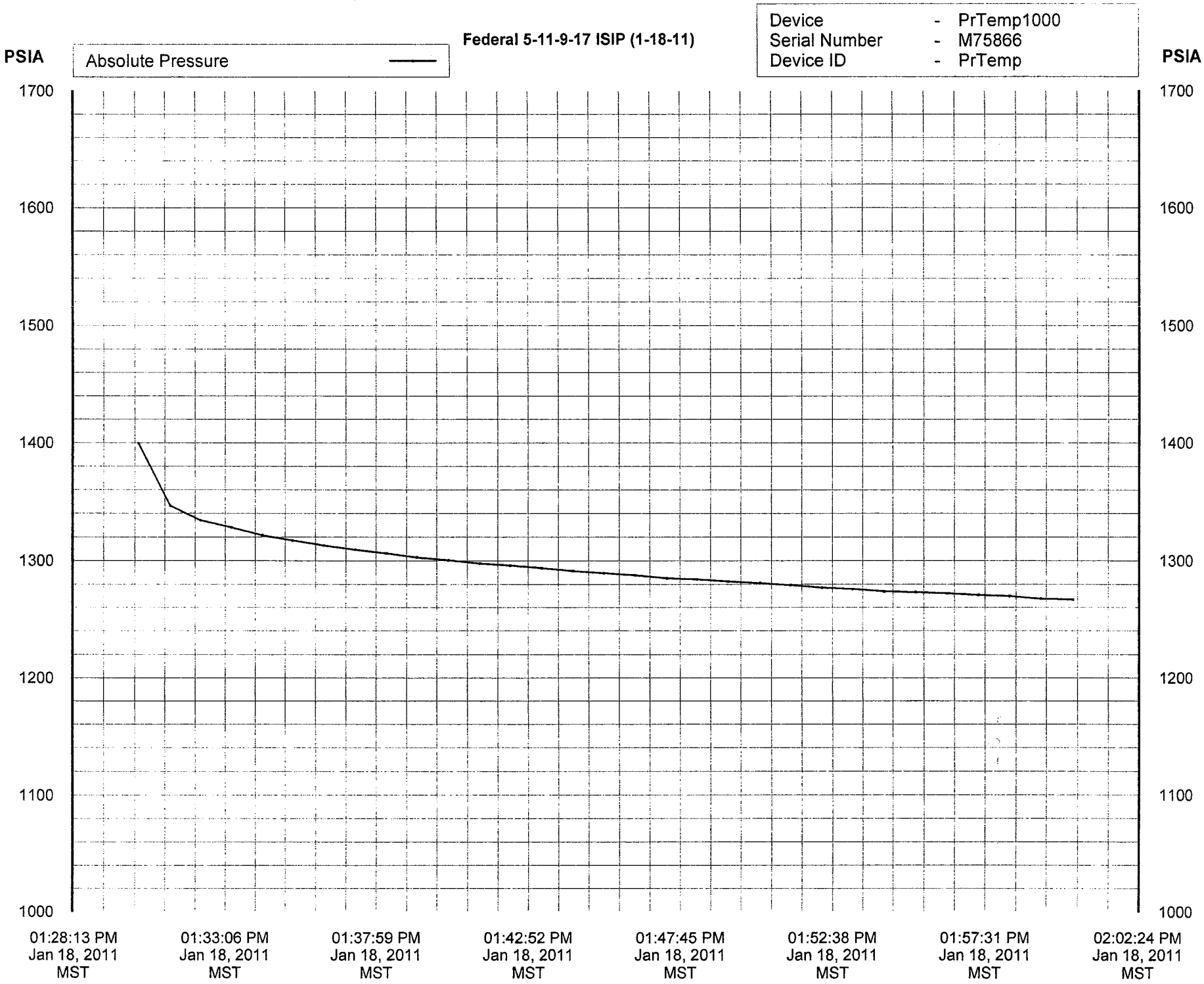
Step	Rate(bpd)	Pressure(psi)
1	150	931
2	300	1074
3	450	1219
4	600	1302
5	750	1360
6	900	1400


Federal 5-11-9-17 SRT (1-18-11)
Device - PrTemp1000
Serial Number - M75866
Device ID - PrTemp
PSIA
Absolute Pressure
PSIA
1900
1700
1500
1300
1100
900
700
500
300
06:45:00 AM Jan 18, 2011 MST
07:37:31 AM Jan 18, 2011 MST
08:30:03 AM Jan 18, 2011 MST
09:22:34 AM Jan 18, 2011 MST
10:15:05 AM Jan 18, 2011 MST
11:07:37 AM Jan 18, 2011 MST
12:00:08 PM Jan 18, 2011 MST
12:52:40 PM Jan 18, 2011 MST
01:45:11 PM Jan 18, 2011 MST

Report Name:	PrTemp1000 Data Table
Report Date:	Jan 20, 2011 08:00:45 AM MST
File Name:	C:\Program Files\PTC® Instruments 2.00\Federal 5-11-9-17 SRT (1-18-11).csv
Title:	Federal 5-11-9-17 SRT (1-18-11)
Device:	PrTemp1000 - Temperature and Pressure Recorder
Hardware Revision:	REV2C (64K)
Serial Number:	M75866
Device ID:	PrTemp
Data Start Date:	Jan 18, 2011 07:00:06 AM MST
Data End Date:	Jan 18, 2011 01:30:05 PM MST
Reading Rate:	2 Seconds
Readings:	1 to 79 of 79
Last Calibration Date:	May 22, 2009
Next Calibration Date:	May 22, 2010

Reading	Date and Time (MST)	Absolute Pressure	Annotation
1	Jan 18, 2011 07:00:06 AM	828.200 PSIA	
2	Jan 18, 2011 07:05:05 AM	827.600 PSIA	
3	Jan 18, 2011 07:10:05 AM	827.200 PSIA	
4	Jan 18, 2011 07:15:05 AM	828.200 PSIA	
5	Jan 18, 2011 07:20:06 AM	827.600 PSIA	
6	Jan 18, 2011 07:25:06 AM	828.400 PSIA	
7	Jan 18, 2011 07:30:06 AM	827.600 PSIA	
8	Jan 18, 2011 07:35:06 AM	863.200 PSIA	
9	Jan 18, 2011 07:40:06 AM	883.000 PSIA	
10	Jan 18, 2011 07:45:06 AM	892.400 PSIA	
11	Jan 18, 2011 07:50:05 AM	900.400 PSIA	
12	Jan 18, 2011 07:55:06 AM	906.400 PSIA	
13	Jan 18, 2011 08:00:05 AM	910.400 PSIA	
14	Jan 18, 2011 08:05:09 AM	915.200 PSIA	
15	Jan 18, 2011 08:10:09 AM	918.200 PSIA	
16	Jan 18, 2011 08:15:06 AM	923.000 PSIA	
17	Jan 18, 2011 08:20:05 AM	927.200 PSIA	
18	Jan 18, 2011 08:25:05 AM	930.800 PSIA	
19	Jan 18, 2011 08:30:05 AM	930.800 PSIA	
20	Jan 18, 2011 08:35:04 AM	986.200 PSIA	
21	Jan 18, 2011 08:40:05 AM	1004.400 PSIA	
22	Jan 18, 2011 08:45:04 AM	1017.800 PSIA	
23	Jan 18, 2011 08:50:05 AM	1028.400 PSIA	
24	Jan 18, 2011 08:55:05 AM	1036.400 PSIA	
25	Jan 18, 2011 09:00:05 AM	1043.200 PSIA	
26	Jan 18, 2011 09:05:05 AM	1049.600 PSIA	
27	Jan 18, 2011 09:10:05 AM	1052.800 PSIA	
28	Jan 18, 2011 09:15:05 AM	1059.400 PSIA	
29	Jan 18, 2011 09:20:04 AM	1063.400 PSIA	
30	Jan 18, 2011 09:25:05 AM	1068.600 PSIA	
31	Jan 18, 2011 09:30:04 AM	1073.800 PSIA	
32	Jan 18, 2011 09:35:05 AM	1117.600 PSIA	
33	Jan 18, 2011 09:40:05 AM	1137.200 PSIA	
34	Jan 18, 2011 09:45:05 AM	1148.600 PSIA	
35	Jan 18, 2011 09:50:05 AM	1165.400 PSIA	
36	Jan 18, 2011 09:55:05 AM	1174.600 PSIA	
37	Jan 18, 2011 10:00:05 AM	1181.400 PSIA	
38	Jan 18, 2011 10:05:04 AM	1190.400 PSIA	
39	Jan 18, 2011 10:10:05 AM	1196.200 PSIA	
40	Jan 18, 2011 10:15:04 AM	1199.600 PSIA	
41	Jan 18, 2011 10:20:06 AM	1207.600 PSIA	
42	Jan 18, 2011 10:25:05 AM	1210.800 PSIA	
43	Jan 18, 2011 10:30:06 AM	1218.600 PSIA	
44	Jan 18, 2011 10:35:06 AM	1245.000 PSIA	
45	Jan 18, 2011 10:40:06 AM	1256.200 PSIA	
46	Jan 18, 2011 10:45:06 AM	1263.600 PSIA	
47	Jan 18, 2011 10:50:05 AM	1270.600 PSIA	
48	Jan 18, 2011 10:55:06 AM	1275.800 PSIA	
49	Jan 18, 2011 11:00:14 AM	1279.600 PSIA	
50	Jan 18, 2011 11:05:09 AM	1284.000 PSIA	
51	Jan 18, 2011 11:10:05 AM	1285.600 PSIA	
52	Jan 18, 2011 11:15:05 AM	1291.200 PSIA	
53	Jan 18, 2011 11:20:05 AM	1292.800 PSIA	
54	Jan 18, 2011 11:25:09 AM	1297.400 PSIA	
55	Jan 18, 2011 11:30:06 AM	1302.200 PSIA	
56	Jan 18, 2011 11:35:05 AM	1324.400 PSIA	
57	Jan 18, 2011 11:40:06 AM	1330.200 PSIA	
58	Jan 18, 2011 11:45:08 AM	1337.200 PSIA	
59	Jan 18, 2011 11:50:10 AM	1342.200 PSIA	
60	Jan 18, 2011 11:55:10 AM	1346.400 PSIA	

61	Jan 18, 2011 12:00:09 PM	1350.800	PSIA
62	Jan 18, 2011 12:05:09 PM	1351.400	PSIA
63	Jan 18, 2011 12:10:10 PM	1353.200	PSIA
64	Jan 18, 2011 12:15:14 PM	1355.800	PSIA
65	Jan 18, 2011 12:20:04 PM	1358.000	PSIA
66	Jan 18, 2011 12:25:05 PM	1361.000	PSIA
67	Jan 18, 2011 12:30:04 PM	1360.000	PSIA
68	Jan 18, 2011 12:35:05 PM	1372.000	PSIA
69	Jan 18, 2011 12:40:05 PM	1375.000	PSIA
70	Jan 18, 2011 12:45:05 PM	1382.800	PSIA
71	Jan 18, 2011 12:50:05 PM	1380.400	PSIA
72	Jan 18, 2011 12:55:05 PM	1386.000	PSIA
73	Jan 18, 2011 01:00:05 PM	1387.800	PSIA
74	Jan 18, 2011 01:05:07 PM	1385.200	PSIA
75	Jan 18, 2011 01:10:06 PM	1392.800	PSIA
76	Jan 18, 2011 01:15:04 PM	1394.400	PSIA
77	Jan 18, 2011 01:20:05 PM	1392.800	PSIA
78	Jan 18, 2011 01:25:05 PM	1396.000	PSIA
79	Jan 18, 2011 01:30:05 PM	1400.400	PSIA


Federal 5-11-9-17 ISIP (1-18-11)
Device - PrTemp1000
Serial Number - M75866
Device ID - PrTemp
PSIA
Absolute Pressure
1700
1600
1500
1400
1300
1200
1100
1000
01:28:13 PM Jan 18, 2011 MST
01:33:06 PM Jan 18, 2011 MST
01:37:59 PM Jan 18, 2011 MST
01:42:52 PM Jan 18, 2011 MST
01:47:45 PM Jan 18, 2011 MST
01:52:38 PM Jan 18, 2011 MST
01:57:31 PM Jan 18, 2011 MST
02:02:24 PM Jan 18, 2011 MST

Report Name:	PrTemp1000 Data Table
Report Date:	Jan 20, 2011 08:00:35 AM MST
File Name:	C:\Program Files\PTC® Instruments 2.00\Federal 5-11-9-17 ISIP (1-18-11).csv
Title:	Federal 5-11-9-17 ISIP (1-18-11)
Device:	PrTemp1000 - Temperature and Pressure Recorder
Hardware Revision:	REV2C (64K)
Serial Number:	M75866
Device ID:	PrTemp
Data Start Date:	Jan 18, 2011 01:30:18 PM MST
Data End Date:	Jan 18, 2011 02:00:19 PM MST
Reading Rate:	2 Seconds
Readings:	1 to 31 of 31
Last Calibration Date:	May 22, 2009
Next Calibration Date:	May 22, 2010

Reading	Date and Time (MST)	Absolute Pressure	Annotation
1	Jan 18, 2011 01:30:18 PM	1399.400 PSIA	
2	Jan 18, 2011 01:31:19 PM	1346.600 PSIA	
3	Jan 18, 2011 01:32:18 PM	1334.200 PSIA	
4	Jan 18, 2011 01:33:18 PM	1328.200 PSIA	
5	Jan 18, 2011 01:34:19 PM	1321.400 PSIA	
6	Jan 18, 2011 01:35:18 PM	1317.000 PSIA	
7	Jan 18, 2011 01:36:18 PM	1312.800 PSIA	
8	Jan 18, 2011 01:37:18 PM	1309.200 PSIA	
9	Jan 18, 2011 01:38:19 PM	1306.200 PSIA	
10	Jan 18, 2011 01:39:18 PM	1302.800 PSIA	
11	Jan 18, 2011 01:40:18 PM	1300.400 PSIA	
12	Jan 18, 2011 01:41:19 PM	1297.600 PSIA	
13	Jan 18, 2011 01:42:18 PM	1296.000 PSIA	
14	Jan 18, 2011 01:43:18 PM	1293.800 PSIA	
15	Jan 18, 2011 01:44:19 PM	1291.400 PSIA	
16	Jan 18, 2011 01:45:18 PM	1289.600 PSIA	
17	Jan 18, 2011 01:46:18 PM	1287.800 PSIA	
18	Jan 18, 2011 01:47:20 PM	1285.200 PSIA	
19	Jan 18, 2011 01:48:18 PM	1284.200 PSIA	
20	Jan 18, 2011 01:49:18 PM	1282.400 PSIA	
21	Jan 18, 2011 01:50:19 PM	1281.000 PSIA	
22	Jan 18, 2011 01:51:18 PM	1279.200 PSIA	
23	Jan 18, 2011 01:52:18 PM	1277.000 PSIA	
24	Jan 18, 2011 01:53:18 PM	1275.800 PSIA	
25	Jan 18, 2011 01:54:19 PM	1273.800 PSIA	
26	Jan 18, 2011 01:55:18 PM	1273.200 PSIA	
27	Jan 18, 2011 01:56:18 PM	1272.200 PSIA	
28	Jan 18, 2011 01:57:19 PM	1270.800 PSIA	
29	Jan 18, 2011 01:58:18 PM	1270.000 PSIA	
30	Jan 18, 2011 01:59:18 PM	1267.600 PSIA	
31	Jan 18, 2011 02:00:19 PM	1266.800 PSIA	

Federal 5-11-9-17 Rate Sheet (1-18-11)

Step # 1	Time:	7:35	7:40	7:45	7:50	7:55	8:00
	Rate:	150.7	150.7	150.7	150.7	150.6	150.6
	Time:	8:05	8:10	8:15	8:20	8:25	8:30
	Rate:	150.6	150.6	150.5	150.5	150.5	150.5
Step # 2	Time:	8:35	8:40	8:45	8:50	8:55	9:00
	Rate:	300.6	300.6	300.6	300.6	300.5	300.5
	Time:	9:05	9:10	9:15	9:20	9:25	9:30
	Rate:	300.4	300.4	300.4	300.3	300.3	300.3
Step # 3	Time:	9:35	9:40	9:45	9:50	9:55	10:00
	Rate:	450.9	450.9	450.9	450.8	450.8	450.8
	Time:	10:05	10:10	10:15	10:20	10:25	10:30
	Rate:	450.8	450.7	450.7	450.6	450.6	450.6
Step # 4	Time:	10:35	10:40	10:45	10:50	10:55	11:00
	Rate:	600.5	600.5	600.5	600.5	600.4	600.4
	Time:	11:05	11:10	11:15	11:20	11:25	11:30
	Rate:	600.4	600.4	600.3	600.3	600.3	600.3
Step # 5	Time:	11:35	11:40	11:45	11:50	11:55	12:00
	Rate:	750.7	750.7	750.7	750.6	750.6	750.6
	Time:	12:05	12:10	12:15	12:20	12:25	12:30
	Rate:	750.5	750.5	750.5	750.4	750.4	750.4
Step # 6	Time:	12:35	12:40	12:45	12:50	12:55	1:00
	Rate:	900.8	900.8	900.8	900.7	900.7	900.7
	Time:	1:05	1:10	1:15	1:20	1:25	1:30
	Rate:	900.6	900.6	900.6	900.5	900.5	900.5

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-79013	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME: GMBU	
1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER	8. WELL NAME and NUMBER: FEDERAL 5-11-9-17
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 4301332486
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721	10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 2000 FNL 656 FWL	COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 11, T9S, R17E	STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARITLY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLAIR
☒ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of Work Completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/STOP)	☐ WATER SHUT-OFF
05/24/2011	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☒ OTHER: - Step Rate Test
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on May 24, 2011. Results from the test indicate that the fracture gradient is 0.806 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1270 psi to 1465 psi.

EPA: UT21054-07128

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Water Services Technician

SIGNATURE [signature] DATE 06/08/2011

(This space for State use only)

RECEIVED
JUN 14 2011
DIV. OF OIL, GAS & MINING

NO

Step Rate Test (SRT) Analysis

Date: 05/26/2011

Operator: **Newfield Production Company**

Well: **Federal 5-11-9-17**

Permit #: **UT21054-07128**

Enter the following data :

Specific Gravity (sg) of injectate =	**1.015**	*g/cc*	
Depth to top perforation (D) =	**4001**	*feet*	4001
Top of permitted injection zone depth (blank=use top perforation to calculate fg) =		*feet*	
Estimated Formation Parting Pressure (Pfp) from SRT chart =	**1500**	*psi*	
Instantaneous Shut In Pressure (ISIP) from SRT =	**1465**	*psi*	1500
Bottom Hole Parting Pressure (Pbhp) from downhole pressure recorder =		*psi*	no downhole

Part One - Calculation of Fracture Gradient (fg)

Calculated Fracture Gradient = **0.806** *psi/ft.*

where: fg = Pbhp / D (Note: this formula uses the downhole recorded bottom hole parting pressure if available) = 1465

D = depth used = 4001 *Pbhp used = 3223*

Calculated Bottom Hole Parting Pressure (Pbhp) = **3223** *psi* 3223.419

*to calculate Bottom Hole Parting Pressure (Pbhp) = Formation Fracture Pressure (ISIP or Pfp) + (0.433 * SG * D)*

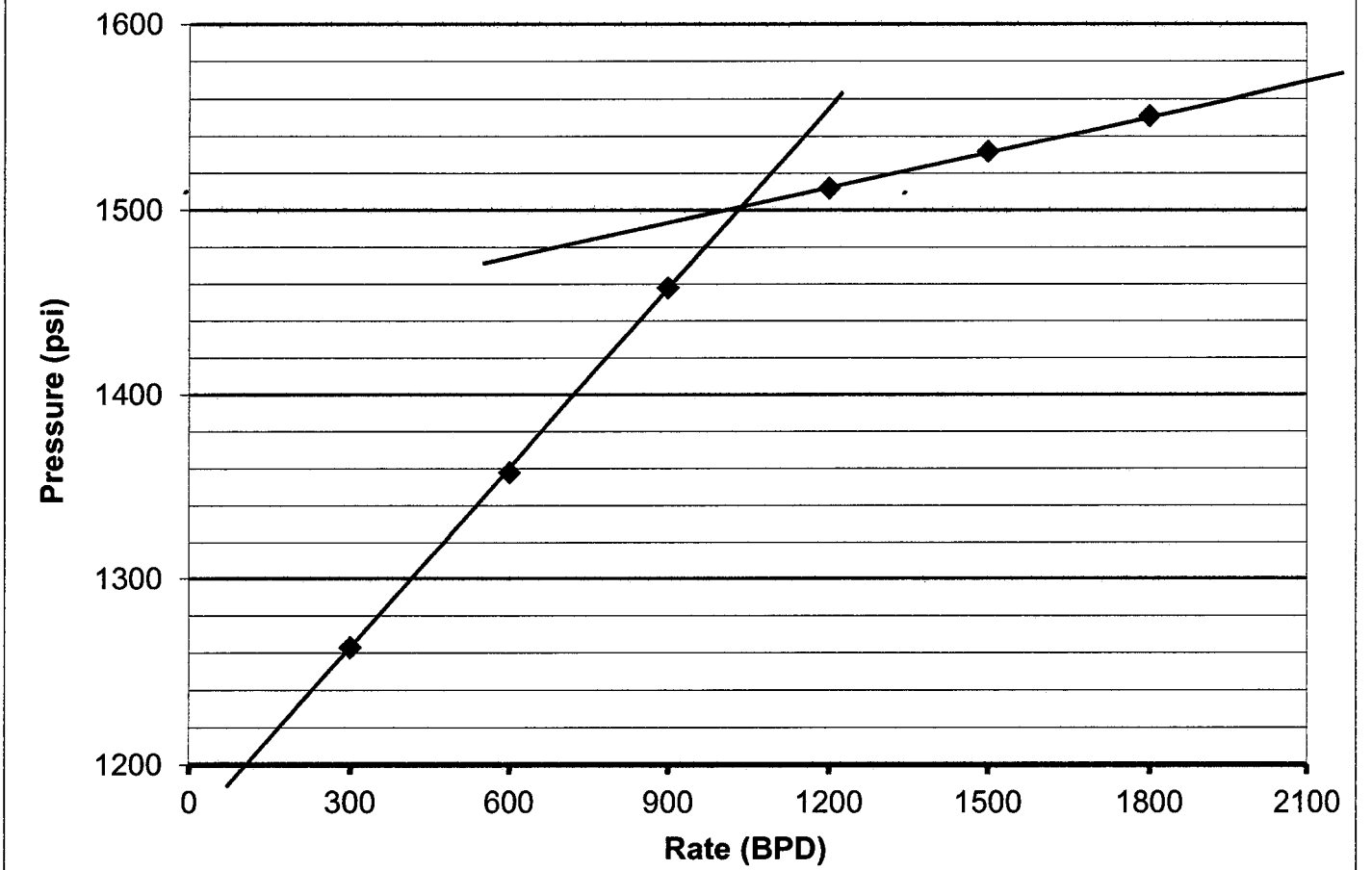
(Uses lesser of ISIP or Pfp) Value used = 1465

Part Two - Calculation of Maximum Allowable Injection Pressure (MAIP)

Maximum Allowable Injection Pressure (MAIP) = **1465** *psig*

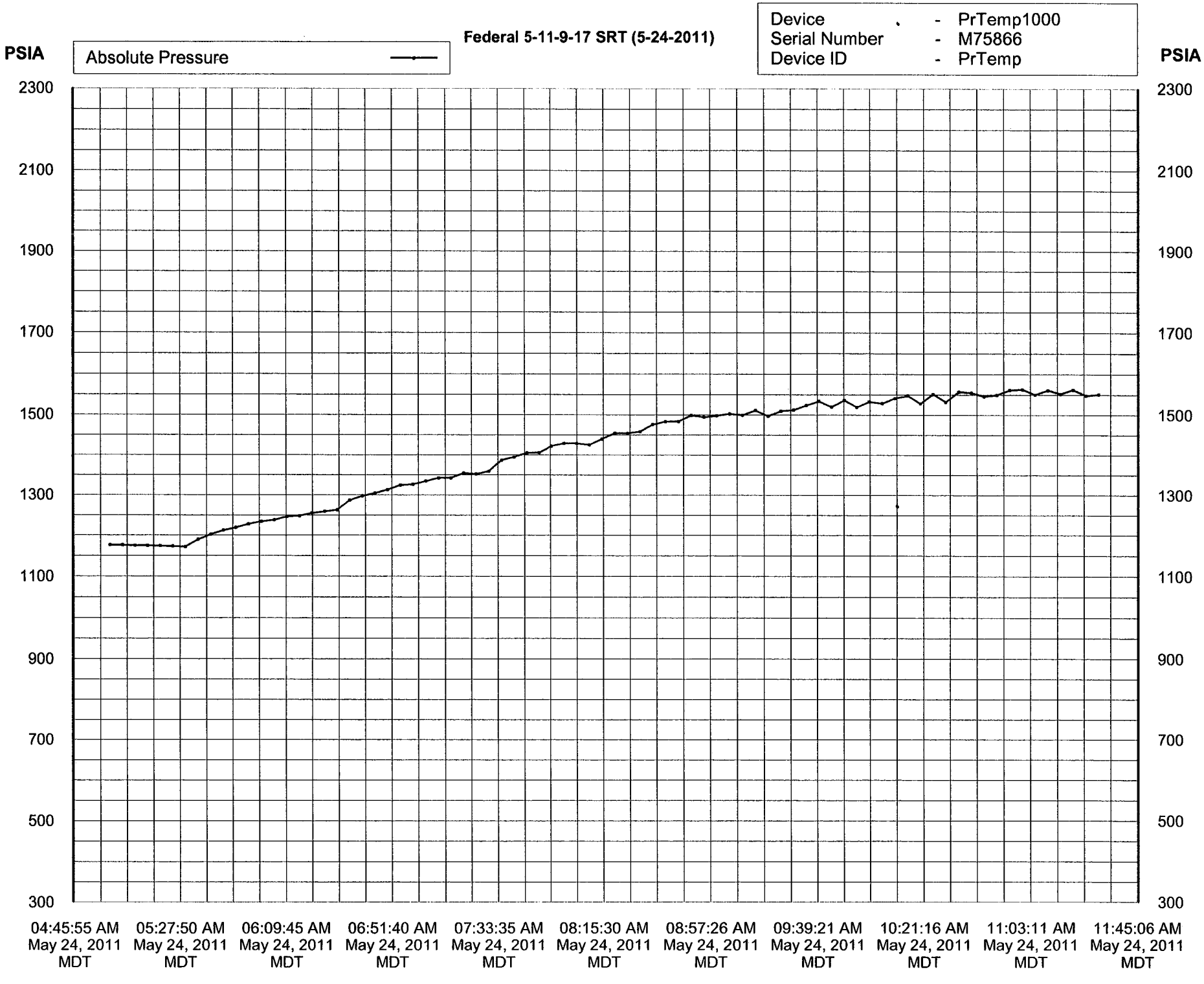
D = depth used = 4001 *MAIP = [fg - (0.433 * SG)] * D = 1466.387* *(rounded down to nearest 5 psig)*

Federal 5-11-9-17
Greater Monument Butte Unit
Step Rate Test
May 24, 2011



Start Pressure:	1172	psi
Instantaneous Shut In Pressure (ISIP):	1465	psi
Top Perforation:	4001	feet
Fracture pressure (Pfp):	1500	psi
FG:	0.814	psi/ft

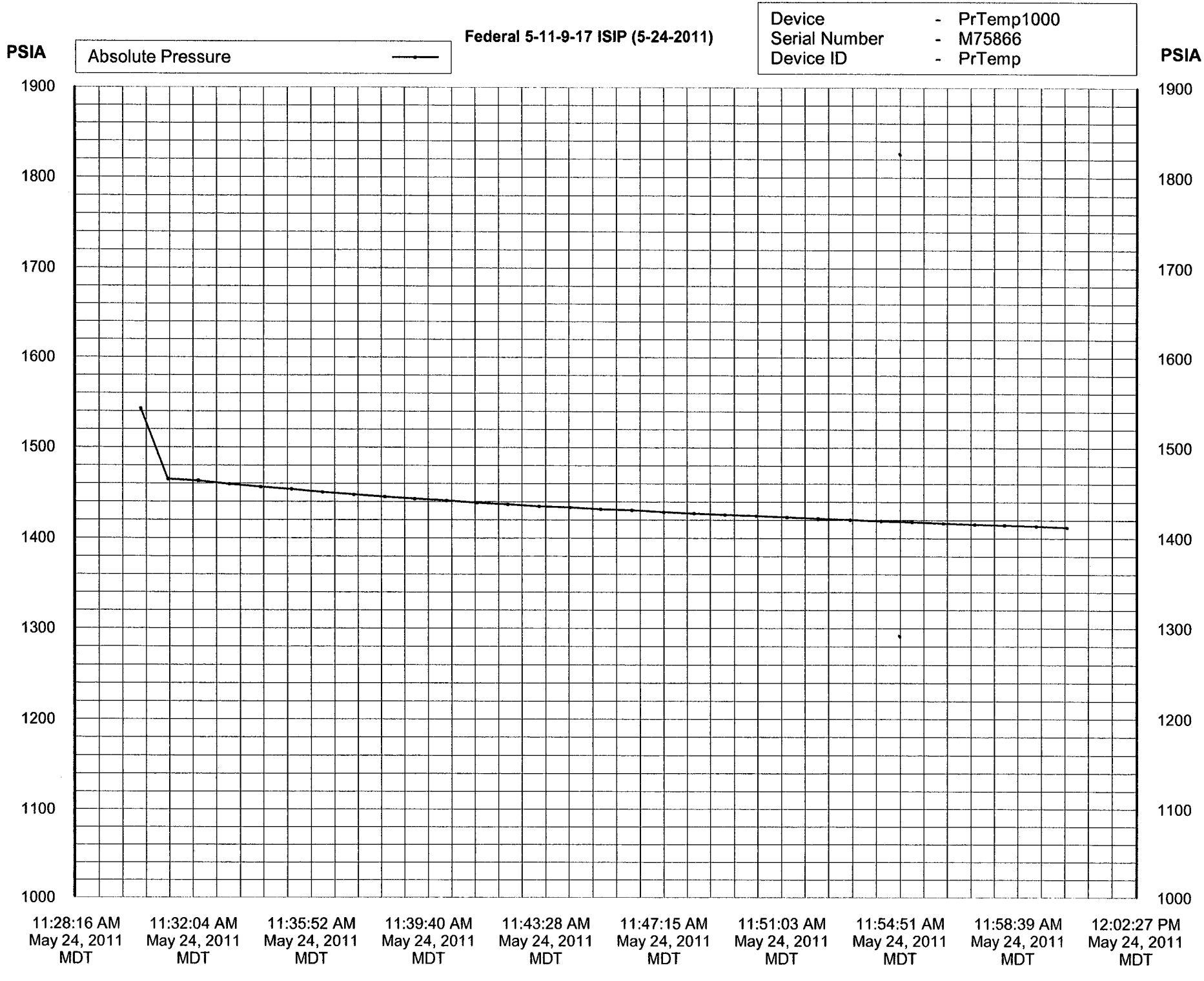
Step	Rate(bpd)	Pressure(psi)
1	300	1263
2	600	1358
3	900	1458
4	1200	1512
5	1500	1532
6	1800	1551


Federal 5-11-9-17 SRT (5-24-2011)
Device - PrTemp1000
Serial Number - M75866
Device ID - PrTemp
PSIA
Absolute Pressure
PSIA
2300
2100
1900
1700
1500
1300
1100
900
700
500
300
04:45:55 AM May 24, 2011 MDT
05:27:50 AM May 24, 2011 MDT
06:09:45 AM May 24, 2011 MDT
06:51:40 AM May 24, 2011 MDT
07:33:35 AM May 24, 2011 MDT
08:15:30 AM May 24, 2011 MDT
08:57:26 AM May 24, 2011 MDT
09:39:21 AM May 24, 2011 MDT
10:21:16 AM May 24, 2011 MDT
11:03:11 AM May 24, 2011 MDT
11:45:06 AM May 24, 2011 MDT

Report Name:	PrTemp1000 Data Table
Report Date:	May 26, 2011 09:08:55 AM MDT
File Name:	C:\Program Files\PTC® Instruments 2.00\Federal 5-11-9-17 SRT (5-24-2011).csv
Title:	Federal 5-11-9-17 SRT (5-24-2011)
Device:	PrTemp1000 - Temperature and Pressure Recorder
Hardware Revision:	REV2C (64K)
Serial Number:	M75866
Device ID:	PrTemp
Data Start Date:	May 24, 2011 05:00:00 AM MDT
Data End Date:	May 24, 2011 11:30:00 AM MDT
Reading Rate:	2 Seconds
Readings:	1 to 79 of 79
Last Calibration Date:	Apr 12, 2011
Next Calibration Date:	Apr 12, 2012

Reading	Date and Time (MDT)	Absolute Pressure	Annotation
1	May 24, 2011 05:00:00 AM	1176.200 PSIA	
2	May 24, 2011 05:04:59 AM	1176.000 PSIA	
3	May 24, 2011 05:10:00 AM	1174.800 PSIA	
4	May 24, 2011 05:14:59 AM	1174.600 PSIA	
5	May 24, 2011 05:20:00 AM	1174.000 PSIA	
6	May 24, 2011 05:24:59 AM	1172.800 PSIA	
7	May 24, 2011 05:30:00 AM	1171.600 PSIA	
8	May 24, 2011 05:34:59 AM	1189.600 PSIA	
9	May 24, 2011 05:40:00 AM	1202.200 PSIA	
10	May 24, 2011 05:45:00 AM	1212.200 PSIA	
11	May 24, 2011 05:49:59 AM	1218.800 PSIA	
12	May 24, 2011 05:55:00 AM	1227.600 PSIA	
13	May 24, 2011 05:59:59 AM	1234.000 PSIA	
14	May 24, 2011 06:05:00 AM	1238.000 PSIA	
15	May 24, 2011 06:09:59 AM	1246.400 PSIA	
16	May 24, 2011 06:15:00 AM	1248.200 PSIA	
17	May 24, 2011 06:19:59 AM	1255.200 PSIA	
18	May 24, 2011 06:25:00 AM	1259.200 PSIA	
19	May 24, 2011 06:30:00 AM	1263.000 PSIA	
20	May 24, 2011 06:34:59 AM	1286.800 PSIA	
21	May 24, 2011 06:39:59 AM	1297.400 PSIA	
22	May 24, 2011 06:44:59 AM	1304.200 PSIA	
23	May 24, 2011 06:50:00 AM	1313.000 PSIA	
24	May 24, 2011 06:54:59 AM	1324.200 PSIA	
25	May 24, 2011 07:00:00 AM	1326.000 PSIA	
26	May 24, 2011 07:04:59 AM	1334.200 PSIA	
27	May 24, 2011 07:09:59 AM	1342.000 PSIA	
28	May 24, 2011 07:15:00 AM	1342.200 PSIA	
29	May 24, 2011 07:19:59 AM	1354.000 PSIA	
30	May 24, 2011 07:25:00 AM	1351.400 PSIA	
31	May 24, 2011 07:29:59 AM	1358.400 PSIA	
32	May 24, 2011 07:35:00 AM	1386.400 PSIA	
33	May 24, 2011 07:39:59 AM	1394.000 PSIA	
34	May 24, 2011 07:45:00 AM	1404.600 PSIA	
35	May 24, 2011 07:49:59 AM	1405.200 PSIA	
36	May 24, 2011 07:55:00 AM	1421.600 PSIA	
37	May 24, 2011 08:00:00 AM	1428.600 PSIA	
38	May 24, 2011 08:04:59 AM	1428.400 PSIA	
39	May 24, 2011 08:10:00 AM	1424.800 PSIA	
40	May 24, 2011 08:14:59 AM	1439.400 PSIA	
41	May 24, 2011 08:20:00 AM	1454.200 PSIA	
42	May 24, 2011 08:24:58 AM	1453.800 PSIA	
43	May 24, 2011 08:30:00 AM	1458.000 PSIA	
44	May 24, 2011 08:34:58 AM	1476.000 PSIA	
45	May 24, 2011 08:39:59 AM	1483.200 PSIA	
46	May 24, 2011 08:44:59 AM	1483.200 PSIA	
47	May 24, 2011 08:49:59 AM	1498.600 PSIA	
48	May 24, 2011 08:55:00 AM	1494.400 PSIA	
49	May 24, 2011 08:59:59 AM	1498.000 PSIA	
50	May 24, 2011 09:05:00 AM	1502.200 PSIA	
51	May 24, 2011 09:09:59 AM	1499.200 PSIA	
52	May 24, 2011 09:15:00 AM	1510.800 PSIA	
53	May 24, 2011 09:19:59 AM	1496.800 PSIA	
54	May 24, 2011 09:25:00 AM	1508.800 PSIA	
55	May 24, 2011 09:30:00 AM	1511.800 PSIA	
56	May 24, 2011 09:34:59 AM	1523.400 PSIA	
57	May 24, 2011 09:40:00 AM	1533.600 PSIA	
58	May 24, 2011 09:44:59 AM	1519.400 PSIA	
59	May 24, 2011 09:50:00 AM	1536.200 PSIA	
60	May 24, 2011 09:54:59 AM	1518.800 PSIA	

61	May 24, 2011 09:59:59 AM	1532.600	PSIA
62	May 24, 2011 10:04:59 AM	1528.600	PSIA
63	May 24, 2011 10:10:00 AM	1541.200	PSIA
64	May 24, 2011 10:15:00 AM	1547.600	PSIA
65	May 24, 2011 10:19:58 AM	1528.200	PSIA
66	May 24, 2011 10:25:00 AM	1551.400	PSIA
67	May 24, 2011 10:29:59 AM	1531.800	PSIA
68	May 24, 2011 10:35:00 AM	1556.800	PSIA
69	May 24, 2011 10:39:59 AM	1554.600	PSIA
70	May 24, 2011 10:45:00 AM	1545.600	PSIA
71	May 24, 2011 10:49:59 AM	1549.200	PSIA
72	May 24, 2011 10:55:00 AM	1561.400	PSIA
73	May 24, 2011 11:00:00 AM	1562.600	PSIA
74	May 24, 2011 11:04:59 AM	1550.000	PSIA
75	May 24, 2011 11:10:00 AM	1560.600	PSIA
76	May 24, 2011 11:14:59 AM	1551.800	PSIA
77	May 24, 2011 11:20:00 AM	1561.800	PSIA
78	May 24, 2011 11:24:59 AM	1548.000	PSIA
79	May 24, 2011 11:30:00 AM	1551.200	PSIA


Federal 5-11-9-17 ISIP (5-24-2011)
Device - PrTemp1000
Serial Number - M75866
Device ID - PrTemp
PSIA
Absolute Pressure
PSIA
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
11:28:16 AM May 24, 2011 MDT
11:32:04 AM May 24, 2011 MDT
11:35:52 AM May 24, 2011 MDT
11:39:40 AM May 24, 2011 MDT
11:43:28 AM May 24, 2011 MDT
11:47:15 AM May 24, 2011 MDT
11:51:03 AM May 24, 2011 MDT
11:54:51 AM May 24, 2011 MDT
11:58:39 AM May 24, 2011 MDT
12:02:27 PM May 24, 2011 MDT

Report Name:	PrTemp1000 Data Table
Report Date:	May 26, 2011 09:08:46 AM MDT
File Name:	C:\Program Files\PTC® Instruments 2.00\Federal 5-11-9-17 ISIP (5-24-2011).csv
Title:	Federal 5-11-9-17 ISIP (5-24-2011)
Device:	PrTemp1000 - Temperature and Pressure Recorder
Hardware Revision:	REV2C (64K)
Serial Number:	M75866
Device ID:	PrTemp
Data Start Date:	May 24, 2011 11:30:22 AM MDT
Data End Date:	May 24, 2011 12:00:15 PM MDT
Reading Rate:	2 Seconds
Readings:	1 to 31 of 31
Last Calibration Date:	Apr 12, 2011
Next Calibration Date:	Apr 12, 2012

Reading	Date and Time (MDT)	Absolute Pressure	Annotation
1	May 24, 2011 11:30:22 AM	1542.600 PSIA	
2	May 24, 2011 11:31:15 AM	1464.600 PSIA	
3	May 24, 2011 11:32:14 AM	1462.800 PSIA	
4	May 24, 2011 11:33:14 AM	1459.200 PSIA	
5	May 24, 2011 11:34:15 AM	1456.000 PSIA	
6	May 24, 2011 11:35:14 AM	1453.600 PSIA	
7	May 24, 2011 11:36:14 AM	1450.400 PSIA	
8	May 24, 2011 11:37:15 AM	1447.800 PSIA	
9	May 24, 2011 11:38:15 AM	1445.400 PSIA	
10	May 24, 2011 11:39:14 AM	1443.200 PSIA	
11	May 24, 2011 11:40:15 AM	1441.400 PSIA	
12	May 24, 2011 11:41:15 AM	1439.000 PSIA	
13	May 24, 2011 11:42:14 AM	1437.200 PSIA	
14	May 24, 2011 11:43:15 AM	1435.000 PSIA	
15	May 24, 2011 11:44:15 AM	1433.800 PSIA	
16	May 24, 2011 11:45:14 AM	1431.800 PSIA	
17	May 24, 2011 11:46:14 AM	1430.800 PSIA	
18	May 24, 2011 11:47:15 AM	1428.800 PSIA	
19	May 24, 2011 11:48:14 AM	1427.200 PSIA	
20	May 24, 2011 11:49:14 AM	1425.800 PSIA	
21	May 24, 2011 11:50:15 AM	1424.600 PSIA	
22	May 24, 2011 11:51:14 AM	1423.200 PSIA	
23	May 24, 2011 11:52:14 AM	1421.800 PSIA	
24	May 24, 2011 11:53:15 AM	1420.400 PSIA	
25	May 24, 2011 11:54:15 AM	1419.000 PSIA	
26	May 24, 2011 11:55:14 AM	1418.000 PSIA	
27	May 24, 2011 11:56:15 AM	1416.600 PSIA	
28	May 24, 2011 11:57:15 AM	1415.400 PSIA	
29	May 24, 2011 11:58:14 AM	1414.600 PSIA	
30	May 24, 2011 11:59:15 AM	1413.400 PSIA	
31	May 24, 2011 12:00:15 PM	1412.000 PSIA	

Federal 5-11-9-17 Rate Sheet (5-24-11)

Step # 1	Time:	5:35	5:40	5:45	5:50	5:55	6:00
	Rate:	300.5	300.5	300.5	300.5	300.4	300.4
	Time:	6:05	6:10	6:15	6:20	6:25	6:30
	Rate:	300.4	300.4	300.3	300.3	300.3	300.3
Step # 2	Time:	6:35	6:40	6:45	6:50	6:55	7:00
	Rate:	600.5	600.4	600.4	600.4	600.4	600.4
	Time:	7:05	7:10	7:15	7:20	7:25	7:30
	Rate:	600.3	600.3	600.3	600.2	600.2	600.2
Step # 3	Time:	7:35	7:40	7:45	7:50	7:55	8:00
	Rate:	900.7	900.7	900.7	900.6	900.6	900.6
	Time:	8:05	8:10	8:15	8:20	8:25	8:30
	Rate:	900.6	900.5	900.5	900.5	900.5	900.5
Step # 4	Time:	8:35	8:40	8:45	8:50	8:55	9:00
	Rate:	1200.6	1200.6	1200.5	1200.5	1200.5	1200.4
	Time:	9:05	9:10	9:15	9:20	9:25	9:30
	Rate:	1200.4	1200.4	1200.3	1200.3	1200.3	1200.3
Step # 5	Time:	9:35	9:40	9:45	9:50	9:55	10:00
	Rate:	1500.4	1500.4	1500.4	1500.3	1500.3	1500.2
	Time:	10:05	10:10	10:15	10:20	10:25	10:30
	Rate:	1500.2	1500.2	1500.1	1500.1	1500.1	1500.1
Step # 6	Time:	10:35	10:40	10:45	10:50	10:55	11:00
	Rate:	1800.5	1800.5	1800.5	1800.5	1800.5	1800.3
	Time:	11:05	11:10	11:15	11:20	11:25	11:30
	Rate:	1800.3	1800.3	1800.2	1800.2	1800.2	1800.2

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-79013

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: FEDERAL 5-11-9-17

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013324860000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2000 FNL 0656 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 11 Township: 09.0S Range: 17.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 5/9/2013	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: 5 YR MIT

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Performed a 5 YR MIT on the above listed well. On 05/09/2013 the casing was pressured up to 1370 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbg pressure was 975 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-07128

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
June 04, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 5/13/2013

RECEIVED: May. 13, 2013

Mechanical Integrity Test
Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 5 / 9 / 2013
Test conducted by: BRENDAN CURRY
Others present: BRITT JENSEN, BART STUBBS, Iñaki Lasa.
-07128

Well Name: FEDERAL 5-11-9-17 Type: ER SWD Status: AC TA UC
Field: GREATER MONUMENT BUTTE
Location: 5 Sec: 11 T 9 N/S R 17 E/W County: Duchesne State: UT
Operator: Newfield Production Company
Last MIT: / / Maximum Allowable Pressure: 1040 PSIG

Is this a regularly scheduled test? [✓] Yes [ ] No
Initial test for permit? [ ] Yes [✓] No
Test after well rework? [ ] Yes [✓] No
Well injecting during test? [ ] Yes [✓] No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0/975 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	*PRESSURE*		
Initial Pressure	975 psig	psig	psig
End of test pressure	975 psig	psig	psig
CASING / TUBING	*ANNULUS*	*PRESSURE*	
0 minutes	1370 psig	psig	psig
5 minutes	1379 psig	psig	psig
10 minutes	1370 psig	psig	psig
15 minutes	1370 psig	psig	psig
20 minutes	1370 psig	psig	psig
25 minutes	1370 psig	psig	psig
30 minutes	1370 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	[✓] Pass [ ] Fail	[ ] Pass [ ] Fail	[ ] Pass [ ] Fail

Does the annulus pressure build back up after the test ? [ ] Yes [✓] No

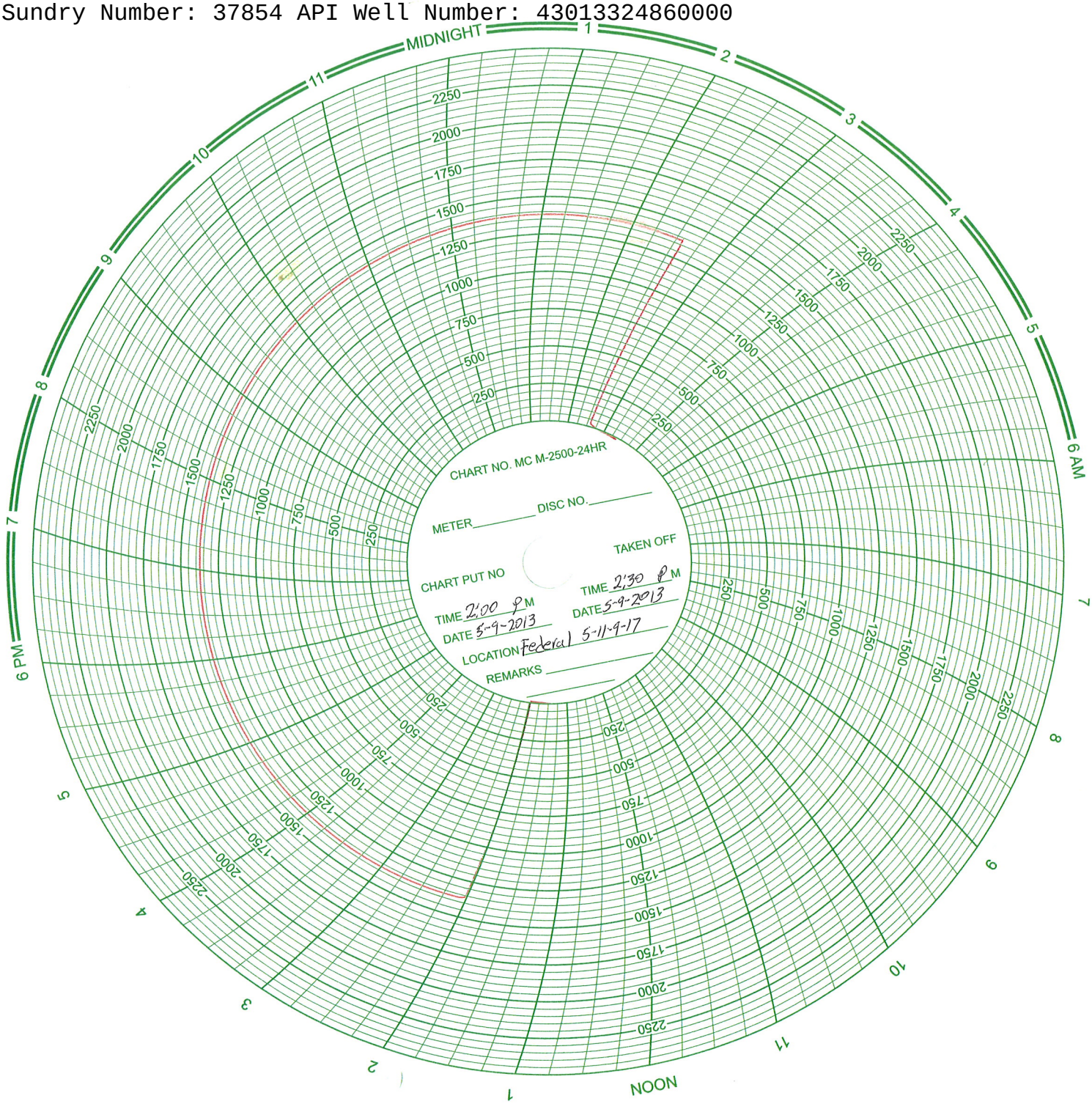
MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

_____

Signature of Witness: _____

Sundry Number: 37854 API Well Number: 43013324860000



NEWFIELD

June 17, 2008

Margo Smith
Environmental Protection Agency
Region VII
1595 Wynkoop Street
Denver, Colorado 80202-1129

43 013 32486

RE: Injection Conversion
Federal 5-11-9-17
Sec.11, T9S, R17E
EPA # UT 21054-07128

Mr. Jackson:

The subject well was converted from a producing oil well to a water injection well. Please find attached the EPA Form 7520-12, MIT Pressure Test, an updated wellbore diagram, work detail, sundry, and a copy of the chart. The pore pressure for this well has been calculated to be 1083 psia. If you have any questions, please contact me at 435-646-4848.

Sincerely,

Callie Ross

Callie Ross
Production Clerk

NEWFIELD

June 17, 2008

Mr. Brad Hill
State of Utah, DOGM
1594 West North Temple-Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Injection Conversion/MIT
Federal 5-11-9-17
Sec.11, T9S, R17E
API #43-013-32486

Mr. Brad Hill:

The subject well was converted from a producing oil well to a water injection well. An MIT was preformed. Please find enclosed the sundry, a copy of the tabular, work detail and chart. If you have any questions, please contact me at 435-646-4848.

Sincerely,

Callie Ross
Production Clerk

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-79013

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals

7. UNIT or CA AGREEMENT NAME: SUNDANCE UNIT

1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER

8. WELL NAME and NUMBER: FEDERAL 5-11-9-17

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 4301332486

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER: 435.646.3721

10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 2000 FNL 656 FWL

COUNTY: DUCHESNE

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW, 11, T9S, R17E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARILY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[X] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[X] OTHER: - Injection Conversion
06/06/2008	[X] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 6/9/08 Margo Smith with the EPA was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 6/11/08. On 6/11/08 the csg was pressured up to 1090 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT21054-07128 API# 43-013-32486

NAME (PLEASE PRINT) Callie Duncan TITLE Production Clerk

SIGNATURE Callie Duncan DATE 06/17/2008

(This space for State use only)

FORM 3160-5
(August 2007)

UNITE TATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31,2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

5. Lease Serial No.
USA UTU-79013

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or
SUNDANCE UNIT

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
FEDERAL 5-11-9-17

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4301332486

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone *(include are code)*
435.646.3721

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
2000 FNL 656 FWL

SWNW Section 11 T9S R17E

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Change Status, Injection Conversion
	☐ Change Plans	☐ Plug & Abandon	☐ Temporarily Abandon	
	☒ Convert to Injector	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 6/9/08 Margo Smith with the EPA was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 6/11/08. On 6/11/08 the csg was pressured up to 1090 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT21054-07128 API# 43-013-32486

I hereby certify that the foregoing is true and correct *(Printed/ Typed)*
Callie Duncan

Title
Production Clerk

Signature Callie Duncan

Date
06/17/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: ____________ Date: 6 / 11 / 08
Test conducted by: Tiefley J. Razen
Others present: ____________

Well Name: Fed 5-11-9-17 Type: ER SWD Status: AC TA UC
Field: Monument Butte
Location: SW/NW Sec: 11 T 9 N/(S) R 17 (E)/W County: Duchesne State: UT
Operator: Newfield
Last MIT: __/__/__ Maximum Allowable Pressure: ____________ PSIG

Is this a regularly scheduled test? [ ] Yes [X] No
Initial test for permit? [X] Yes [ ] No
Test after well rework? [ ] Yes [X] No
Well injecting during test? [ ] Yes [X] No If Yes, rate: — bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1		Test #2		Test #3	
TUBING	*PRESSURE*					
Initial Pressure	0	psig		psig		psig
End of test pressure	0	psig		psig		psig
CASING / TUBING	*ANNULUS*		*PRESSURE*			
0 minutes	1090	psig		psig		psig
5 minutes	1090	psig		psig		psig
10 minutes	1090	psig		psig		psig
15 minutes	1090	psig		psig		psig
20 minutes	1090	psig		psig		psig
25 minutes	1090	psig		psig		psig
30 minutes	1090	psig		psig		psig
____ minutes	—	psig		psig		psig
____ minutes	—	psig		psig		psig
RESULT	[X] Pass	[ ] Fail	[ ] Pass	[ ] Fail	[ ] Pass	[ ] Fail

Does the annulus pressure build back up after the test ? [ ] Yes [X] No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: ____________

Form Approved. OMB No 2000-0042. Approval expires 9-30-86

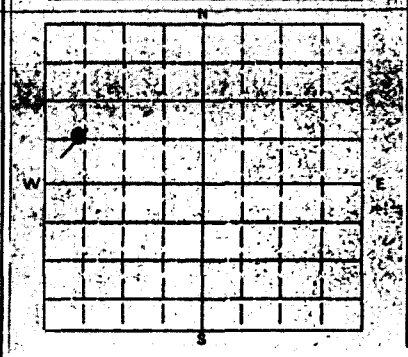
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

EPA

WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE	NAME AND ADDRESS OF CONTRACTOR
Newfield Production Company 410 17th Street, Suite 700 Denver, Colorado 80202-4402	Same as Permittee

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES



STATE	COUNTY	PERMIT NUMBER
Utah	Duchesne	UTU-79013

SURFACE LOCATION DESCRIPTION
¼ OF SW ¼ OF NW SECTION 11 TOWNSHIP 9S RANGE 17E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT
Surface Location 2000 ft. from (N/S) N Line of quarter section
and 656 ft. from (E/W) W Line of quarter section

WELL ACTIVITY	Total Depth Before Rework	TYPE OF PERMIT
☐ Brine Disposal	5810'	☒ Individual
☒ Enhanced Recovery	Total Depth After Rework: 5810'	☐ Area
☐ Hydrocarbon Storage	Date Rework Commenced: 6/3/2008	Number of Wells: 1
Lease Name: Federal	Date Rework Completed: 6/6/2008	Well Number: 5-11-9-17

WELL CASING RECORD -- BEFORE REWORK

Casing Size	Casing Depth	Cement Sacks	Cement Type	Perforations From	Perforations To	Acid or Fracture Treatment Record
8 5/8"	310'	150	Class G	5360'	5432'	Perf and fraced
5 1/2"	5796'	300	Prem Lite II	4978'	4991'	Pref and fraced
		375	50/50 POZ	4673'	4696'	Perf and fraced
				4001'	4036'	Perf and fraced

WELL CASING RECORD -- AFTER REWORK *(Indicate Additions and Changes Only)*

Casing Size	Casing Depth	Cement Sacks	Cement Type	Perforations From	Perforations To	Acid or Fracture Treatment Record

DESCRIBE REWORK OPERATIONS IN DETAIL USE ADDITIONAL SHEETS IF NECESSARY	WIRE LINE LOGS, LIST EACH TYPE: Log Types	Logged Intervals
See attached "Daily Workover Report"		

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I amaware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL TITLE *(Please type or print)*	SIGNATURE	DATE SIGNED
Callie Ross Production Clerk	Callie Ross	June 17, 2008

EPA Form 7520-12 (2-84)

Daily Activity Report

Format For Sundry

FEDERAL 5-11-9-17

3/1/2008 To 9/30/2008

6/4/2008 Day: 1 **Conversion**

Basin #2 Swabbing on 6/3/2008 - MIRU Basin rig #2. Unhang head. Unseat rod pump. Flush rods w/ 60 bbls of wtr. Soft seat rod pump & pressure test tbg to 3000 psi. Unseat rod pump. LD rods & pump. ND WH. Release TA. NU BOP. Flush tbg w/ 40 BW. POH w/ tbg, Breaking & doping every connection. 16 jts out. SIWFN.

6/5/2008 Day: 2 **Conversion**

Basin #2 Swabbing on 6/4/2008 - RU hot oiler & flush tbg w/ 20 BW. Continue TOH Tailey, Breaking & doping every connection. PU & RIH w/ 5 1/2" bit & scraper & 168 jts of 2 7/8" J-55 tbg. EOB @ 5482'. SIWFN.

6/6/2008 Day: 3 **Conversion**

Basin #2 Swabbing on 6/5/2008 - RU hot oiler & flush tbg w/ 20 BW. TOH w/ 121 jts of tbg. LD remaining tbg & bit & scraper. PU & RIH w/ 5 1/2" AS1 pkr & 121 jts of 2 7/8" J-55 tbg. RU hot oiler & pump 10 BW down tbg. Drop SV. Fill tbg & pressure test tbg to 3000 psi. Could not get good test (Using collector well wtr). RU sandline. Fish SV. Pump 10 BW of wtr (Wtr from 34 wtr tap). Drop SV. Pressure test to 3000 psi. Good test. RU sandline & fish SV. SIWFN.

6/7/2008 Day: 4 **Conversion**

Basin #2 Swabbing on 6/6/2008 - ND BOP. Land tbg on flange. RU hot oiler & pump 65 bbls of fresh wtr w/ pkr fluid down csg. Unland tbg. Set AS1 pkr w/ CE @ 3946' KB w/ 16,000# of tension. Land tbg on flange. Pressure test annulus to 1500 psi. Good test. RDMOSU. READY FOR MIT!!!!

6/12/2008 Day: 5 **Conversion**

Rigless on 6/11/2008 - On 6/9/08 Margo Smith with the EPA was contacted concerning the initial MIT on the above listed well (Fed 5-11-9-17). Permission was given at that time to perform the test on 6/11/08. On 6/11/08 the csg was pressured up to 1090 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT21054-07128 API# 43-013-32486

Federal #5-11-9-17

Spud Date: 8/25/04

Put on Production: 10/04/04

GL: 5076' KB: 5088'

Injection Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8 5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (301.69')

DEPTH LANDED: 309.69' KB

HOLE SIZE: 12 1/4"

CEMENT DATA: 150sxs Class "G" mixed cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5 1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 138 jts. (5797.78')

DEPTH LANDED: 5795.78' KB

HOLE SIZE: 7 7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 375 sxs 50/50 POZ mix.

CEMENT TOP AT: 40'

TUBING

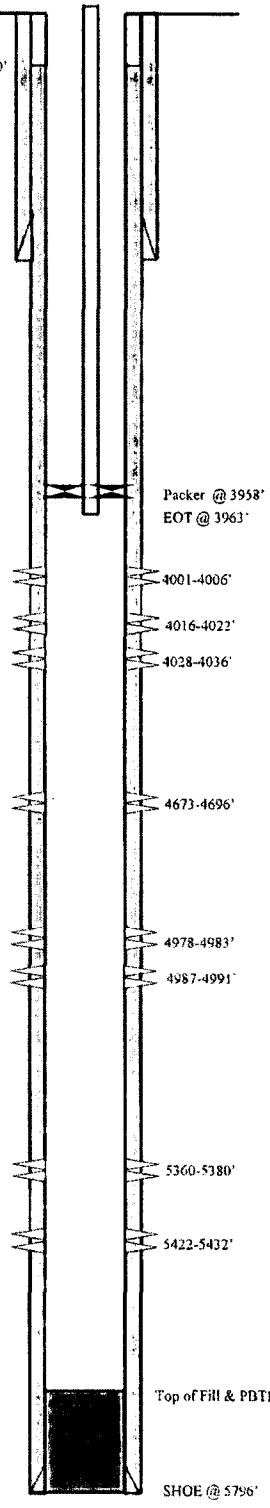
SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#

NO. OF JOINTS: 121 jts (3942.17')

SEATING NIPPLE: 2 7/8" (1.10')

SN LANDED AT: 3954.17' KB

TOTAL STRING LENGTH: EOT @ 3962.67' w/ 12' KB



FRAC JOB

9/28/04	5360-5432'	**Frac CP1 & 2 sands as follows:** 84,815#'s 20/40 sand in 636 bbls Lightning Frac 17 fluid. Treated @ avg press of 1090 psi w/avg rate of 24.8 BPM. ISIP 1425. Calc flush 5358 gal. Actual flush: 5368
9/28/04	4978-4991'	**Frac A1 sands as follows:** 14,525# 20/40 sand in 217 bbls Lightning Frac 17 fluid. Treated @ avg press of 1645 psi w/avg rate of 24.8 BPM. ISIP 1750 psi. Calc flush: 4976 gal. Actual flush: 4977 gal.
9/28/04	4673-4696'	**Frac C sands as follows:** 79,746# 20/40 sand in 586 bbls Lightning Frac 17 fluid. Treated @ avg press of 1735 psi w/avg rate of 24.8 BPM. ISIP 2000 psi. Calc flush: 4671 gal. Actual flush: 4670 gal
9/29/04	4001-4036'	**Frac GB4 sands as follows:** 92,446# 20/40 sand in 645 bbls lightning Frac 17 fluid. Treated @ avg press of 1695 psi w/avg rate of 24.7 BPM. ISIP 1850 psi. Calc flush: 3999 gal. Actual flush: 3931 gal
6/6/08 6/11/08		**Well converted to an Injection well.** MIT completed and submitted.

PERFORATION RECORD

9/21/04	5422-5432'	4 JSPF	40 holes
9/21/04	5360-5380'	4 JSPF	80 holes
9/28/04	4987-4991'	4 JSPF	16 holes
9/28/04	4978-4983'	4 JSPF	20 holes
9/28/04	4673-4696'	4 JSPF	92 holes
9/28/04	4028-4036'	4 JSPF	32 holes
9/28/04	4016-4022'	4 JSPF	24 holes
9/28/04	4001-4006'	4 JSPF	20 holes

NEWFIELD

Federal 5-11-9-17
2000' FNL & 656' FWL
SW/NW Section 11-T9S-R17E
Duchesne Co, Utah
API #43-013-32486; Lease #UTU-79013

CR 6/17/08

NEWFIELD

DAILY COMPLETION REPORT

WELL NAME: Federal 5-11-9-17 Report Date: 16-Jun-08 Day: 5

Present Operation: Conversion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8 @ 300' Prod Csg: 5 1/2 Wt: 15.5# @ 5796' Csg PBTD: 5757'

Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 EOT @ 3946.67' BP/Sand PBTD: 5757'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4001-4006'	4/20	A1 sds	4987-4991'	4/16
GB4 sds	4016-4022'	4/24	CP1 sds	5360-5380'	4/80
GB4 sds	4028-4036'	4/32	CP2 sds	5422-5432'	4/40
C sds	4673-4696'	4/92			
A1 sds	4978-4983'	4/20			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11-Jun-08 SITP: SICP:

On 6/9/08 Margo Smith with the EPA was contacted concerning the initial MIT on the above listed well (Fed 5-11-9-17). Permission was given at that time to perform the test on 6/11/08. On 6/11/08 the csg was pressured up to 1090 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT21054-07128 API# 43-013-32486

Starting fluid load to be recovered: Starting oil rec to date:

Fluid lost/recovered today: Oil lost/recovered today:

Ending fluid to be recovered: Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

TUBING DETAIL

KB	12.00'
121	jts 2 7/8" J-55 (3942.17')
	SN 1.10' @ 3954.17' KB
	AS1 pkr CE @ 3958.47' KB
	EOT @ 3962.67' KB

COSTS

NPC supervision	$300
DAILY COST:	$300
TOTAL WELL COST:	$34,721

Conversion supervisor: JD Horrocks

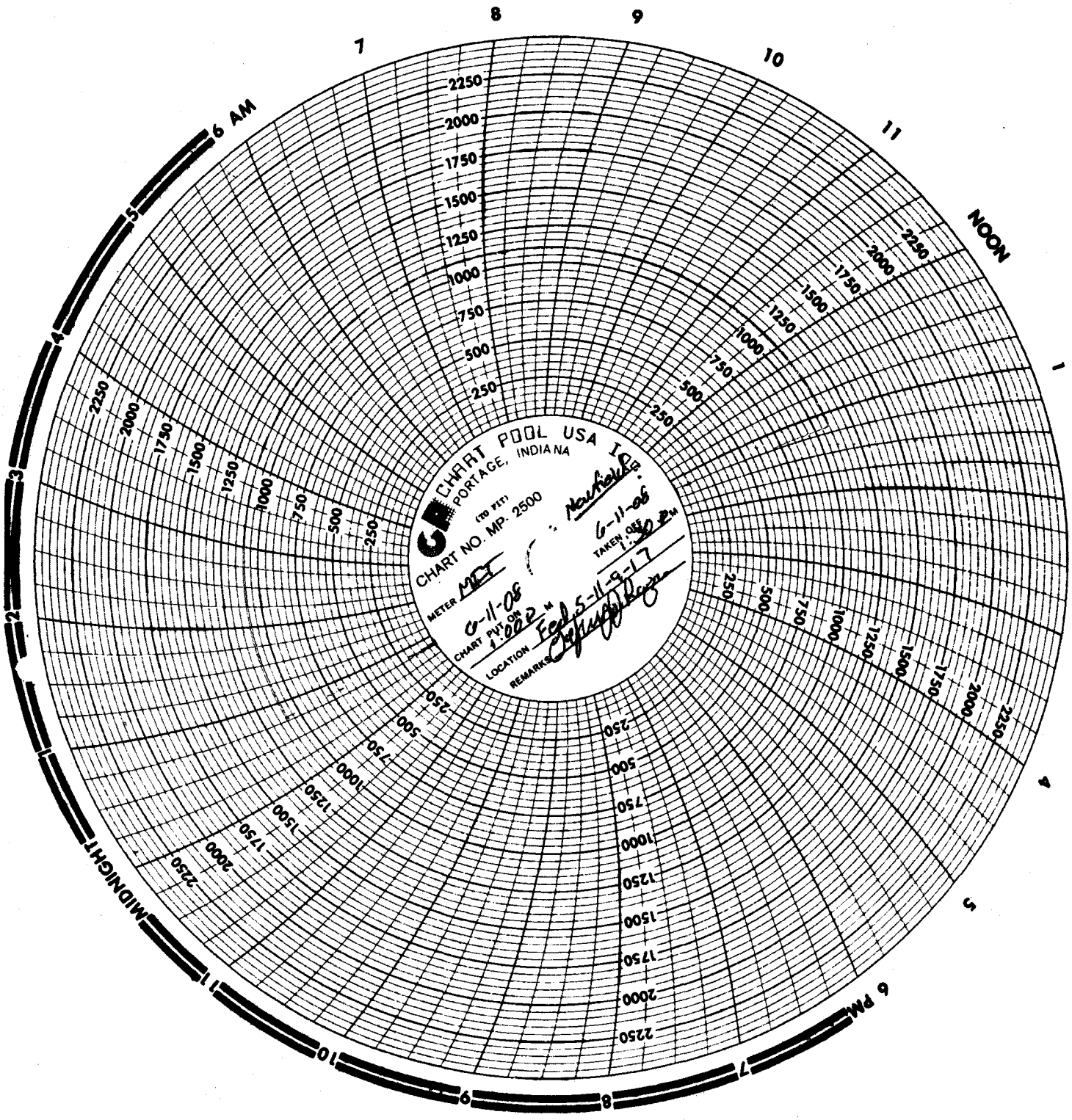


CHART POOL USA INC.
PORTAGE, INDIANA
(TO FIT)
CHART NO. MP- 2500
METER
CHART PUT ON
LOCATION
REMARKS
TAKEN OFF
6-11-06
Feed 5-11-9-17
MIDNIGHT
6 AM
NOON
6 PM

NEWFIELD

Schematic

43-013-32486

Well Name: Federal 5-11-9-17

Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
11-9S-17E	43013324860000	500151449		Utah	GMBU CTB8	Duchesne

Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)
8/25/2004	9/8/2004	10/4/2004	5,088	5,076		Original Hole - 5,757.1

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Testing		N/A	5/9/2013	5/9/2013

TD: 5,810.0 Vertical - Original Hole, 1/11/2016 10:43:52 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)
11.8			DLS (°...	
12.1				
40.0				
266.4				
308.7				
309.7				1; Surface; 8 5/8 in; 8.097 in; 12-310 ftKB; 297.73 ft
310.0				
3,954.1				2-1; Tubing; 2 7/8; 2.441; 12-3,954; 3,942.20
3,955.4				2-2; Pump Seating Nipple; 2 7/8; 2.441; 3,954-3,955; 1.10
3,962.6				2-3; AS1 Packer; 4 5/8; 2.441; 3,955-3,963; 7.40
4,001.0				
4,005.9				Perforated; 4,001-4,006; 9/28/2004
4,016.1				
4,022.0				Perforated; 4,016-4,022; 9/28/2004
4,027.9				
4,036.1				Perforated; 4,028-4,036; 9/28/2004
4,085.3				
4,092.8				
4,672.9				
4,695.9				Perforated; 4,673-4,696; 9/28/2004
4,978.0				
4,982.9				Perforated; 4,978-4,983; 9/28/2004
4,986.9				
4,991.1				Perforated; 4,987-4,991; 9/28/2004
5,359.9				
5,379.9				Perforated; 5,360-5,380; 9/21/2004
5,421.9				
5,432.1				Perforated; 5,422-5,432; 9/21/2004
5,756.9				
5,757.2				
5,757.5				
5,795.3				
5,795.9				2; Production; 5 1/2 in; 4.950 in; 12-5,796 ftKB; 5,783.80 ft
5,810.0				

NEWFIELD

Newfield Wellbore Diagram Data
Federal 5-11-9-17

Surface Legal Location			API/UWI	Lease
11-9S-17E			43013324860000	
County	**State/Province**	**Basin**	**Field Name**	
Duchesne	Utah		GMBU CTB8	
Well Start Date	**Spud Date**	**Final Rig Release Date**	**On Production Date**	
8/25/2004	8/25/2004	9/8/2004	10/4/2004	
Original KB Elevation (ft)	**Ground Elevation (ft)**	**Total Depth (ftKB)**	**Total Depth All (TVD) (ftKB)**	**PBTD (All) (ftKB)**
5,088	5,076	5,810.0		Original Hole - 5,757.1

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	8/27/2004	8 5/8	8.097	24.00	J-55	310
Production	9/8/2004	5 1/2	4.950	15.50	J-55	5,796

Cement

String: Surface, 310ftKB 8/27/2004

Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
BJ Services Company	12.0	310.0		

Fluid Description	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)
Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield	Lead	150	G	12.0

String: Production, 5,796ftKB 9/8/2004

Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
BJ Services Company	40.0	5,810.0		

Fluid Description	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)
Premlite II w/ 10% gel + 3 % KCL, 3#'s /sk CSE + 2# sk/kolseal + 1/4#'s/sk Cello Flake .5%SM mixed @ 11.0 ppg W / 3.43 cf/sk yield	Lead	300	PL II	40.0
50/50 poz W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD	Tail	300	50/50 Poz	3,000.0

Tubing Strings

Tubing Description	Run Date	Set Depth (ftKB)
Tubing	6/11/2008	3,962.7

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	121	2 7/8	2.441	6.50	J-55	3,942.20	12.0	3,954.2
Pump Seating Nipple		2 7/8	2.441			1.10	3,954.2	3,955.3
AS1 Packer		4 5/8	2.441			7.40	3,955.3	3,962.7

Rod Strings

Rod Description	Run Date	Set Depth (ftKB)

Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
4	GB4, Original Hole	4,001	4,006	4	90		9/28/2004
4	GB4, Original Hole	4,016	4,022	4	90		9/28/2004
4	GB4, Original Hole	4,028	4,036	4	90		9/28/2004
3	C, Original Hole	4,673	4,696	4	90		9/28/2004
2	A1, Original Hole	4,978	4,983	4	90		9/28/2004
2	A1, Original Hole	4,987	4,991	4	90		9/28/2004
1	CP1, Original Hole	5,360	5,380	4	90		9/21/2004
1	CP2, Original Hole	5,422	5,432	4	90		9/21/2004

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	1,425	0.7	24.8	1,390			
2	1,750	0.78	24.8	1,920			
3	2,000	0.86	24.8	2,000			
4	1,850	0.89	24.7	1,920			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Bulk sand 84815 lbs
2		Proppant Bulk sand 14525 lbs
3		Proppant Bulk sand 79746 lbs
4		Proppant Bulk sand 92446 lbs

NEWFIELD

May 13, 2013

Ms. Sarah Roberts
US EPA Region 8
8ENF-UFO Deep Well UIC
1595 Wynkoop Street
Denver CO 80202

11-9S-17E

RE: 5 Year MIT
Well: Federal 5-11-9-17
EPA #: UT22197-07128
API #: 43-013-32486

Dear Ms. Roberts:

A 5-year MIT was conducted on the subject well on 05/09/2013. Attached are the EPA tabular sheet and a copy of the chart. You may contact me at 435-646-4874 or lchavez-naupoto@newfield.com if you require further information.

Sincerely,

Lucy Chavez-Naupoto
Water Services Technician

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-79013

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL: Water Injection Well

8. WELL NAME and NUMBER: FEDERAL 5-11-9-17

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013324860000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2000 FNL 0656 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 11 Township: 09.0S Range: 17.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion 5/9/2013	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: 5 YR MIT

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Performed a 5 YR MIT on the above listed well. On 05/09/2013 the casing was pressured up to 1370 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbg pressure was 975 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-07128

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 5/13/2013

RECEIVED: May. 13, 2013

Mechanical Integrity Test
Casing or Annulus Pressure Mechanical Integrity Test

U S Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 5 / 9 / 2013
Test conducted by: BRENDAN CURRY
Others present: BRETT JENSEN, BART STUBBS, Inaki Lasa.

-07428

Well Name: FEDERAL 5-11-9-17 Type: ER SWD Status: AC TA UC
Field: GREATER MONUMENT BUTTE
Location: 5 Sec: 11 T 9 N S R 17 E W County: Duchesne State: UT
Operator: Newfield Production Company
Last MIT: / / Maximum Allowable Pressure: 1240 PSIG

Is this a regularly scheduled test? [✓] Yes [ ] No
Initial test for permit? [ ] Yes [✓] No
Test after well rework? [ ] Yes [✓] No
Well injecting during test? [ ] Yes [✓] No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0/975 psig

MIT DATA TABLE	Test #1		Test #2	Test #3
TUBING	*PRESSURE*			
Initial Pressure	975	psig	psig	psig
End of test pressure	975	psig	psig	psig
CASING / TUBING	*ANNULUS*		*PRESSURE*	
0 minutes	1370	psig	psig	psig
5 minutes	1370	psig	psig	psig
10 minutes	1370	psig	psig	psig
15 minutes	1370	psig	psig	psig
20 minutes	1370	psig	psig	psig
25 minutes	1370	psig	psig	psig
30 minutes	1370	psig	psig	psig
_____ minutes		psig	psig	psig
_____ minutes		psig	psig	psig
RESULT	[✓] Pass [ ] Fail		[ ] Pass [ ] Fail	[ ] Pass [ ] Fail

Does the annulus pressure build back up after the test ? [ ] Yes [✓] No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

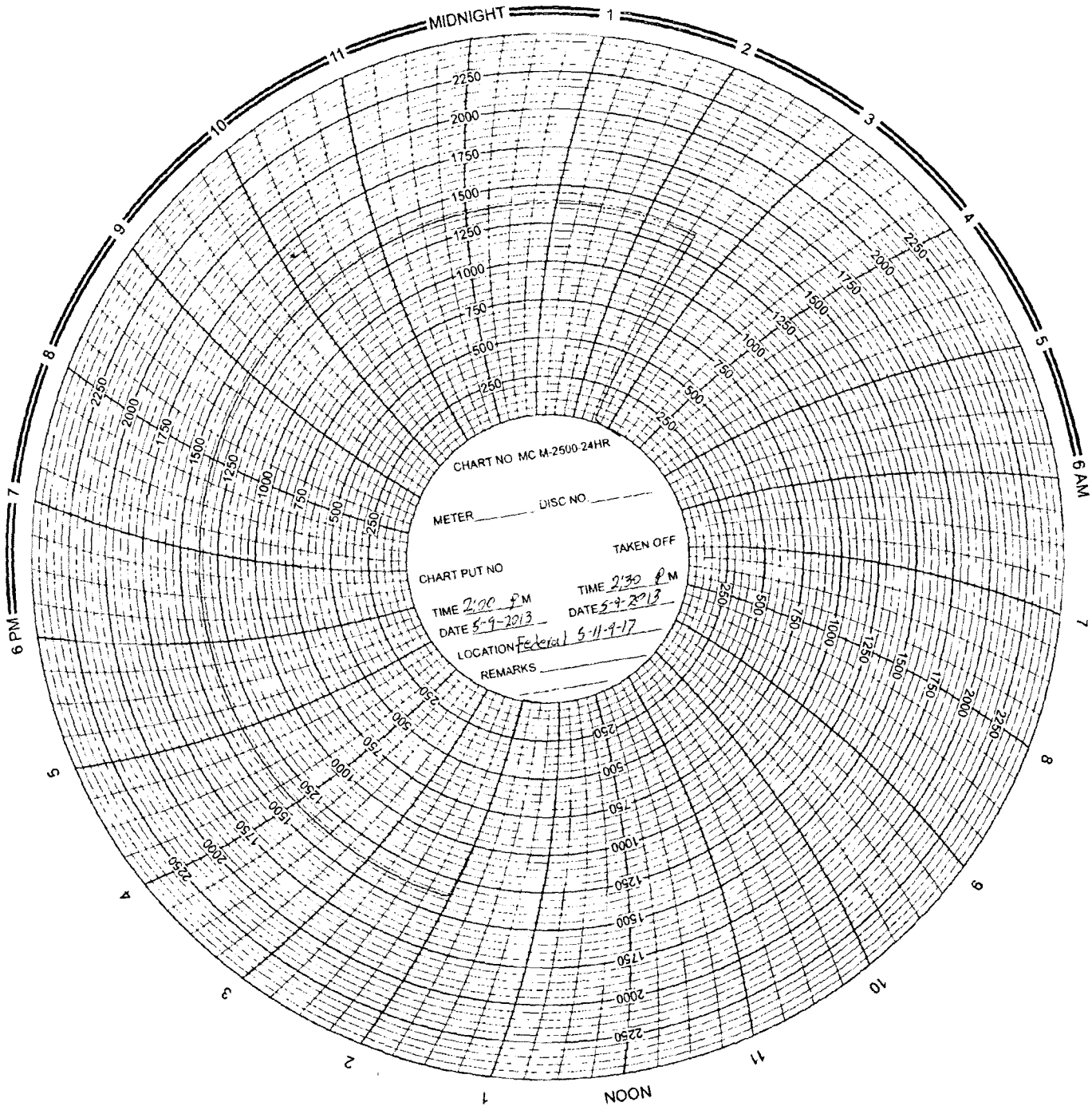

MIDNIGHT
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CHART NO MC M-2500-24HR
METER
DISC NO.
CHART PUT NO
TAKEN OFF
TIME 2:00 PM
DATE 5-9-2013
TIME 2:30 PM
DATE 5-9-2013
LOCATION Federal 5-11-9-17
REMARKS